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#### ABSTRACT

The effect of repeated exposure of C3H mice to radio frequency (RF) energy (148MHz) was investigated. The animals were exposed to 0.5  $\mathrm{mW/cm}^2$ (63.25 V/m) in a TEM exposure chamber. They were exposed for one hour a day, five days a week, beginning on the 4th and 7th day postpartum, for 10 weeks. Both RF and sham irradiated animals were weighed daily from the beginning of irradiation treatments for ten weeks, and weekly thereafter. Blood was drawn from tail vessels of the mice for analysis at 28, 70, 100, 250, 300, 260 and 600 days of age. Necropsy and histopathological examinations were performed on randomly selected animals from each group. The results indicated that the formed elements in the blood were not affected by the exposure. The means of body mass of the irradiated and control animals were comparable. No significant differences in the lesion onset, incidence, prevalence, extent, or type were observed when repeated RF-exposed animals were compared with sham-control groups. The study thus suggested that at the exposure levels studied, biological effects do not occur or are not detectable from the parameters used.

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<sup>\*</sup>Division of Laboratory Animal Resources

#### ABSTRACT

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The effect of repeated exposure of C3H mice to radio frequency (RF) energy (148 MHz) was investigated. The animals were exposed to 0.5 mW/ $cm^2$  (63.25 V/m) in a TEM exposure chamber. They were exposed for one hour a day, five days a week, beginning on the 4th to 7th day postpartum, for 10 weeks. Both RF and sham irradiated animals were weighed daily from the beginning of irradiation treatments for ten weeks, and weekly thereafter. Blood was drawn from tail vessels of the mice for analysis at 28, 70, 100, 250, 300, 360 and 600 days of age. Necropsy and histopathological examinations were performed on randomly selected animals from each group. The results indicated that the formed elements in the blood were not affected by the exposure. The means of body mass of the irradiated and control animals were comparable. No significant differences in lesion onset, incidence, prevalence, extent, or type were observed when repeated RF-exposed animals were compared with sham-control groups. The study thus suggested that at the exposure levels studied, biological effects do not occur or are not detectable from the parameters used. -

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#### I. INTRODUCTION

The impact of nonionizing electromagnetic radiation on the human environment has now become a matter of concern to many governmental agencies, private organizations, and the general public. The increasing utilization of electromagnetic energy for various applications in communication, target acquisition, industrial operation, medical practice and consumer products has elicited new and more critical concern over possible biological effects and health hazards. For many years it has been known that radio frequency (RF) electromagnetic radiation of sufficient high intensity can generate heat in tissue structures as a result of energy conversion. In fact, application of the property for deep tissue heating (short wave diathermy) has become a standard technique in physical medicine for treating a wide range of musculoskeletal diseases (Lehmann, 1971).

Despite the extensive literature addressing the biological effects of microwave radiation, information regarding the biological effects of radiation in the frequency range of 30-300 MHz is extremely scarce.

One study (Addington, et al., 1961) has shown that moderate to high incident power (10 to 300 mW/cm<sup>2</sup>) RF radiation produces a significant body temperature rise in dogs irradiated for one hour. Moreover, the time required to raise the rectal temperature a given number of degrees ranged from 20 to 350 per cent less for parallel polarization (electric-field parallel to the long axis of

the dog's body) than for perpendicular polarization. In another study, rats died quickly after single exposure to high field strengths (1000-5000 V/m) radio waves (70-200 MHz), and the animals showed marked evidence of hyperthermic stress and severe vascular disorders upon necropsy. In experiments (Tolgskava and Gordon, 1973) in which rats were irradiated daily for 5 months with low field strength (10 to 150 V/m) RF radiation, reversible morphological changes in the neural tissues and parenchyma of the heart, liver and testis were observed.

In vivo treatment of Chinese hamster bone marrow and testicular cells at 30-35 MHz for 1 to 9 days induced significant increases of abnormal cells (Mickey, et al., 1975). The peak-to-peak field strength used was 460 V/cm and the pulse width was 77 µsec, (pulse repetition rate=1000). Changes in brain calcium efflux and transient brain rhythms were reported (Bawin, et al., 1973: 1975) in cats exposed to low power

(147 MHz) that was amplitude-modulated at biological frequencies (~35 Hz); no effect was observed in the absence of modulation.

While the biological hazards of moderate to high power RF energy are clearly related to the thermoregulating capacity of the animal, the effects of low level and modulated RF fields and waves are far from understood.

It is significant to note that measurements made at many locations distributed throughout 12 large cities in the United States show that the main source of ambient RF energy is the broadcast service (Janes, et al., 1977; Tell and Mantiply, 1978).

Estimation of population exposure in these cities show that half of the population is potentially exposed to  $0.005~\mu\text{w/cm}^2$  and approximately one percent of this population is potentially exposed to levels greater than  $1~\mu\text{W/cm}^2$  for prolonged periods of time. It is therefore important to advance the current understanding of RF interaction with biological systems.

A particular problem is the lack of realistic theoretical and/or experimental description of induced fields in animals and humans. This stems mainly from the difficulties arising from the complex shape of mammalian body and also from the fact that previous investigators have assumed that only the electric field induced absorption in the body of man is of significance at low frequency (Rogers, 1969; Schwan, 1972). Recent results (Lin, et al., 1973; Durney, et al., 1975) have indicated that in models of man, magnetic coupling is as important as electric coupling at lower frequencies. Furthermore, it was found that the total absorbed energy can be obtained from the sum of quasi-static electric and quasi-static magnetic components at these (30-300 MHz) frequencies.

A summary of the computed average specific absorption rates (SAR) in homogeneous (muscle) spherical (Lin, et al., 1973) and spheroidal (Durney, et al., 1978) models of human and mouse is given in Table 1. The incident plane wave power density is 1 mW/cm<sup>2</sup> which corresponds to a peak electric-field strength of 86.8 V/m. In general, the energy absorption is quite small for both humans and mice in the frequency range of 10 to 300 MHz. The computed absorption is higher for the spheroidal model than

4

Computed average specific absorption rates (SAR) in simulated human and mouse exposed to  $1\ \text{mW/cm}^2$  of incident plane wave power density Table 1

	Simulated Human (70	Human (70 kg)	Simulated Mouse (20g)	ouse (20g)	Ratio	0,
Freq (MHz)	Sphere (mW/g) Spheroid	Spheroid (mW/g)	Sphere (mW/g)	Spheroid (mW/g)	Human/mouse	** Human/mouse
10	6.8x10 <sup>-4</sup>	2.0x10 <sup>-3</sup>	1.9×10 <sup>-5</sup>	2.4x10 <sup>-4</sup>	35.8	80.00
20	6.1x10 <sup>-3</sup>	9.3x10 <sup>-2</sup>	$4.2x10^{-4}$	$4.6 \times 10^{-3}$	14.5	20.3
100	$1.2 \times 10^{-2}$	1.2×10 <sup>-1</sup>	1.4x10 <sup>-3</sup>	1.3×10 <sup>-2</sup>	8.6	9.2
150	1.5×10 <sup>-2</sup>	$6.0 \times 10^{-2}$	$2.9 \times 10^{-3}$	$2.4 \times 10^{-2}$	5.2	2.5
200	1.9×10 <sup>-2</sup>	5.0x10 <sup>-2</sup>	4.5x10 <sup>-3</sup>	3.3×10 <sup>-2</sup>	4.2	1.5
250	$2.0 \times 10^{-1}$	4.5x10 <sup>-2</sup>	5.3x10 <sup>-3</sup>	5.5×10 <sup>-2</sup>	37.7	8.0
300	1.9x10 <sup>-1</sup>	4.0x10 <sup>-2</sup>	$6.0x10^{-3}$	$6.2 \times 10^{-2}$	31.7	0.7

#
for spherical models, \*\*
for spheroidal models

for the spherical model. The average SAP's for the human models are slightly higher than that for the mouse model and reach maximum values in this frequency range. The ratio between human and mouse absorption varies between 4 and 37 for the spherical models, and between 1 and 20 for the spheroidal models. At 150 MHz, the average SAR in mouse is about 2.5 to 5 rames less than in humans exposed to the same incident power. A plane wave power density of 0.5 mW/cm<sup>2</sup> impinging on a mouse therefore would correspond to 0.11 to 0.21 mW/cm<sup>2</sup> impinging on a human subject. Note that while this level is considerably less than the 10 mW/cm<sup>2</sup> guideline for continuous exposure, it is more than one hundred times higher than the estimated level encountered by 99 percent of the population in major cities in the United States.

The purpose of the present study is to investigate, through an interdisciplinary effort and under controlled laboratory conditions, the effect of low-level RF radiation on the growth, hemotology and histopathology of mice. Of course, one must keep in mind that all effects are not necessarily hazardous. In fact, some effects may have beneficial applications under appropriately controlled circumstances. Therefore, RF induced biological changes must be sufficiently understood so that their clinical significance can be determined, their hazard potential assessed, and the proper benefit/risk analysis applied to establish realistic trade-offs.

The results indicate that the formed blood elements of the mouse are not affected when the animals are exposed to low-level RF (felds,  $(0.53 \text{ mW/cm}^2 \text{ or } 63.25 \text{ V/m peak in a TEM exposure chamber})$ 

operating at 148 MHz). The comparable gain of body masses of the exposed and control animals of each group suggest that the animals remain in comparably good health during the experimental periods. Necropsy and histopathologic examinations of major organ systems have not revealed changes that could be attributable to this level of RF exposure.

# 11. RF EXPOSURE

#### Exposure System

The exposure system consists of four aluminum exposure chambers (TEM cells) which have been designed, constructed and tested for operation between 50 and 200 MHz. The design closely follows that described by Crawford (1974). It consists of a section of TEM mode rectangular transmission line, tapered at both ends to transitions which adapt the chamber to 50-ohm coaxial cables using type N connectors (see Figure 1). The dimensions of the square section are 50 cm x 50 cm x 50 cm. The distance between the center conductor plate and the top wall is 25 cm. The advantages of the exposure chamber, in addition to broadband, are compactness and portability which eliminates the need for an expensive anechoic chamber or shielded room.

The frequency response of the chamber was tested by connecting the input and output terminals to a Rhode & Schwarz Polyskop II. Figure 2 shows the frequency characteristics between 50 and 300 MHz. It is seen that the frequency behavior of the chamber is flat between 50 and 200 MHz, and deteriorated somewhat for frequencies above 200 MHz. At the operating frequency of 148 MHz, the exposure chamber has a characteristic impedence

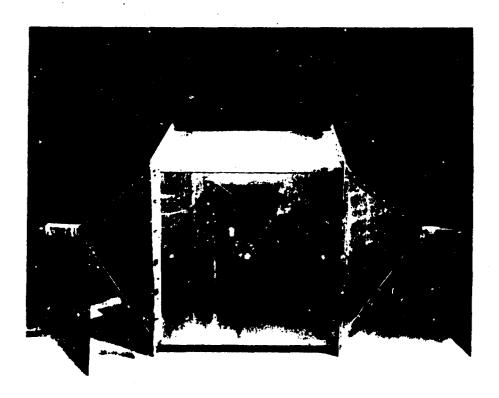


Figure 1. A TEM coaxial exposure chamber designed for operation between 50 and 300 MHz.

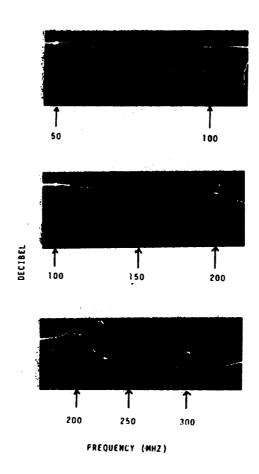


Figure 2. Frequency response characteristics of the TEM exposure chamber.

of 50 ohms. It is therefore matched to the input coaxial cable.

Transmission line exposure chambers similar to that shown in Figure 1 have been shown to be extremely useful for generating uniform plane wave fields in a confined space (Crawford, 1974; Baird, 1974). The wave impedance throughout the chamber has been shown to be very close to the intrinsic free-space impedance. The electric field or power density at the center of the upper chamber, measured using a National Bureau of Standard (NBS) electric energy density meter, is shown in Figure 3. It can be seen that the calculated absolute electric field value using  $E = [(PR)^{1/2}]/d$ , where P is the net forward power, R = 50 ohms, and d is the distance of separation between the center conductor and the top chamber wall, is exactly the same as that measured using the NBS meter. The results obtained using an Instrument for Industry (IFI Model EFS-1) electric field sensor are also shown. In general, the IFI measurements were higher than the NBS values.

The field (or power density) distribution in the plane midway between the center conducting strip and the top wall of the upper chamber was calibrated using an NBS electric energy density meter. The transverse distribution along the center line is shown in Figure 4. It is seen that the field distribution is quite uniform. In fact, the electric field strength is approximately the same within a horizontal region of 30 cm by 30 cm around the center of the upper chamber.

During exposure, four animals are located at four standard positions, within the chamber and are exposed to the same

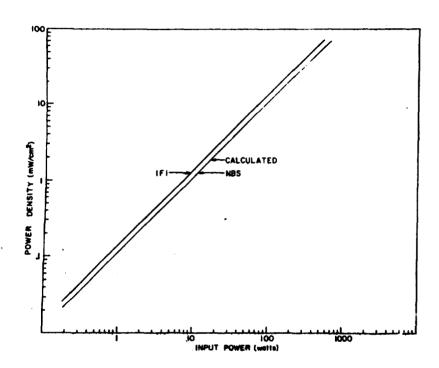


Figure 3. Power density at center of upper chamber. A comparison of measured and computed values.

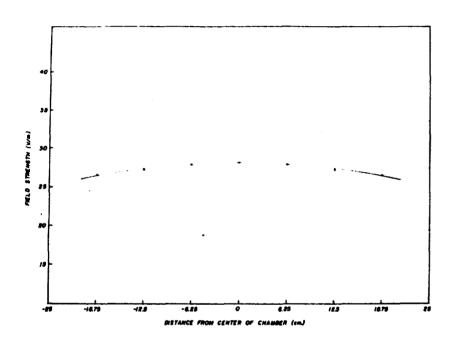


Figure 4. Transverse field distribution inside the exposure chamber as measured along the center line above center strip.

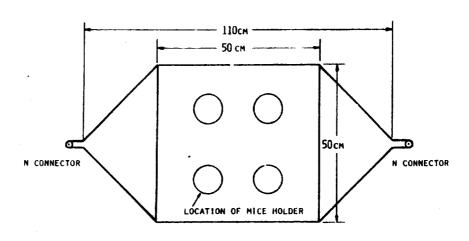


Figure 5. Schematic of TEM coaxial exposure chamber showing standard animal locations for simultaneous irradiation of four mice. The incident power density (or field strength is virtually the same at all four locations.

incident power density (Figure 5). For the results reported, an incident power density of 0.53 mW/cm<sup>2</sup> is used which corresponds to a computed average specific rate of absorbed RF energy of 0.013 mW/g using a mass equivalent muscle spheroid (Durney, et al., 1978).

Styrofoam cups measuring 6.5 cm high and 8.5 cm in diameter (Dart container 8S12) were used for confining the animals during exposure (see Figure 6). Acrylic plastics have been shown (Lin, et al., 1976; 1977) to be inadequate as animal holders since they perturb the incident electromagnetic field. Two cups are stacked together to form a restrainer for each animal. Ten 0.24 cm diameter holes were drilled in the thin plastic lid to provide ventilation. This holder produces minimal stress in the animals and minimal distortion to the incident field. With four animals in the chamber at the same time, as indicated in Figure 5, the total volume occupied by the animals and their restrainers is less than 1/5th of the upper chamber volume. One would therefore expect a fairly small perturbation of the TEM field due to the animals' presence. This point has also been experimentally ascertained using an NBS electric energy density probel. The complete exposure system is shown in Figure 7. The RF energy generated by the signal source (HP 608C) is amplified in three stages to reach a maximum of 1000 watts at the input of the chamber. The forward and reflected powers are measured using two Bird Model 43 Wattmeters with appropriate plugins. maximum electric-field strength obtainable at the center of the chamber is greater than 900 V/m, continuously variable

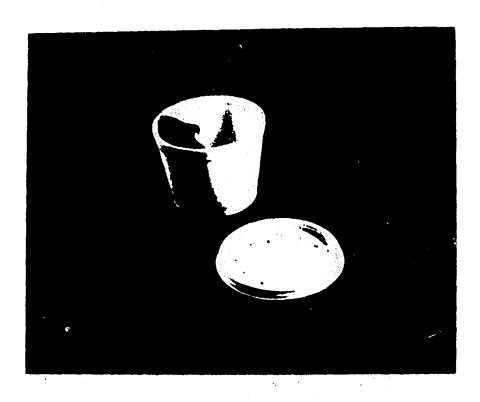


Figure 6. Mouse in a Dart 8812 styrofoam container, which served as the animal holder.

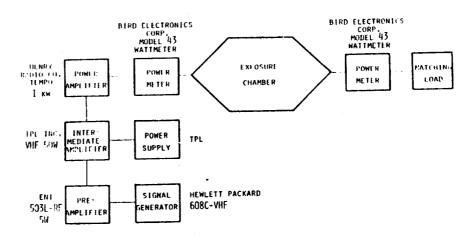


Figure 7. Schematic of RF exposure system.

from 0 V/m, at the operating frequency of 148 MHz. The corresponding incident power density is from 0 to 100  $mW/cm^2$ . Exposure Protocol

To test the effects of repeated exposure to RF fields, mice were exposed daily for one hour a day, five days a week, from the 4th-7th day postpartum for 10 weeks. Mice were divided into two groups to serve as control and exposed, respectively. The animals were weighed daily from the beginning of RF irradiation to 10 weeks, and weekly thereafter. Groups of four were placed in either the control of irradiate chambers at the four standard positions previously mentioned. Each session usually began at 0900 hours and lasted for 5 to 6 hours. The assignment to time of the day of exposure was random.

### III. EXPERIMENTAL MATERIALS

The subjects were an inbred strain of mice (C3H/StCr/Br) acquired from Charles River Breeding Laboratories (Wilmington, Mass.). Six week old breeders were set up in a breeding colony, using a female-to-male ratio of 3 to 1 and a non-forced breeding system. After an acceptable breeding record (6 for the first litter), the offsprings were grouped and used as shown in Table 2. Note that the animals were randomly assigned to control and exposed groups except that an attempt was made to match the ratio of females to males in each group.

The effect of repeated RF exposure was investigated using 136 animals in three replications (Table 2). They were exposed for one hour a day, five days a week, beginning on the 4th to the 7th day postpartum for 10 weeks. Mice were divided into two groups to serve

Table 2 Animals used for experiments involving repeated exposure.

Experiment	Age at 1st Exposure (days)	Number of Animals			
		sham-exposed		RF-exposed	
		Female	Male	Female	Ma1e
F1-2	4-7	11	13	13	11
F3-2	4-7	11	13	12	12
F4-2	4-7	11	9	10	10

as control and exposed, respectively. The offspring were weamed at 21 days of age. The three exposure periods encompassed all seasons of the year.

The animals were housed in the same room where RF exposures were conducted. The temperature and relative humidity of the room were kept between 20° to 24°C and 35 to 65 percent, respectively. They were initially monitored at least twice daily and continuously later using a Bacharach Tempscribe and a Hygrothermograph, respectively. Except during the one-hour exposure periods, food (Purina Mouse Chow 5015) and water were provided ad libitum.

The animals were maintained under nonbarrier conditions.

No other animal research projects were housed in the building thus the possibility of exposure to infectious agents common to laboratory mice was markedly reduced. The animals were kept in either polypropylene or polycarbonate cages (dimensions 15cm H x 25cm L x 19cm W); woodchip contact bedding (Sani-chips, P.J. Murphy, Moonachio, N.J.) was utilized. The standards of animal care and use met or exceeded those set forth in the Guide for the Care and Use of Laboratory animals, DHEW Publication No. (NIH) 78-23. The study was accomplished in facilities accredited by the American Association for Accreditation of Laboratory Animal Care (AAALAC).

Quality control assurance of animal health was accomplished principally through clinical observations, and necropsy examinations. Complete blood cell counts and the evaluation of weight gain and maintenance patterns also significantly contributed to the health screening process. Serum specimens were collected from

randomly selected animals and submitted to a commercial laboratory (Microbiological Associates, Animal Disease Diagnostic Testing Service, Bethesda, Md.) for serodiagnostic testing. Tests were accomplished for the Sendai virus, pneumonia virus of mice (PVM), mouse hepatitis virus (MHV) and the lymphocytic choriomeningitis virus (LCM). No evidence of infection with these agents, that generally cause latent or subclinical infection, was detected.

#### IV. BIOLOGICAL PROCEDURES

#### Growth

The animals were weighed daily on a top-loading electronic balance (Ainsworth) from the 4th to the 7th day postpartum to 10 weeks of age, and weekly thereafter until the animals die or are terminated at old age. The change in body mass served as a quantitative index of growth and as an indicator of general health status.

#### Hematology

Peripheral blood was withdrawn from the tail vessels of the mice for hematological evaluation at 28, 70, 100, 250, 300, 365, and 600 days of age. The 28th and 70th day samples were taken immediately after Sham or RF exposure.

The mice were restrained but not anesthesized in a well-ventilated round plastic tube of appropriate body dimensions to minimize stress effects during the collection procedure. A vessel in the lower portion of the tail was cut with a sharp scalpel blade (#10). Blood was then drawn into a heparinized 20  $\mu$ 1 ( $\pm$  0.5%) micropipet and rapidly transferred to a Coulter Accuvette containing 10 ml of Isoton standard solution. This first dilution

procedure, performed manually, yielded a 1:500 diluted solution. An accuracy of  $\pm$  0.1% was maintained by dispensing the isoton via an Echols automatic pipettor.

The hematocrit was determined using micro-techniques employing a Clay Adams Readacrit centrifuge. In a manner similar to that described above, blood was collected directly from the same cut vessel with a 15 µl micro-hematocrit capillary tube. Finally, a small drop of blood was used to prepare a differential slide. The total blood volume required for hematological analysis was thus less than 45 µl, and seldom was more than one tail-cut necessary. Note that the complete procedure was performed rapidly to avoid any clotting of the capillary blood which could result in erroneous blood parameter values. This collection technique was refined so that the total withdrawal time did not exceed two minutes.

Leukocyte and erythrocyte counts were automatically determined by a Coulter model ZBI counter. A small volume of the 1:500 dilution isotonic solution was further dilated to 1:50,000 solution with a Coulter automatic diluter. This new dilution was used to perform the erythrocyte counts. The leukocyte counts and the hemoglobin values (g/d1) were determined from the first dilution. The accuracy of the Coulter Hemoglobinometer has been verified by spectrophotometric methods. Likewise, blood counts have been compared to hemacytometer chamber counts with very good correlation. After calibrating the Coulter counter with known standards the accuracy of counts via the manual dilution techniques was found to be within 1% of the accepted count values. Similar standards

were used to calibrate the Hemoglobinometer.

Human operator errors associated with leukocyte differential counts were reduced by randomly dividing work load between two technicians. In independent studies, there was acceptable operator correlation of cell classification for any given slide Histopathology

At least two animals were randomly selected from each control and exposure group to undergo complete necropsy at 28, 70, 100, 250, 300, 365 and 600 dats if age, The animals were killed in a closed chamber using carbon dioxide delivered from a compressed gas tank. During the necropsy procedure, macroscopic examination of the carcass and all tissues was performed, and photographs were taken of the intact viscera.

Kidney, spleen, thymus, testicle, ovary, adrenal, thyroid, lung heart, urinary bladder, brain, eye, skin, uterus, preputial gland, salivary gland, stomach, small intestine, large intestine, liver and pancreas were processed for histologic examination using the light microscope. The tissues were fixed in 10% neutral buffered Formalin and then were dehydrated, cleared, impregnated and embedded in paraffin; sectioned at 6-8µm, mounted on a 5 by 7.5 cm glass slide, stained with hematoxylin and cosin, and cover slipped. The sections were then screened in the "blind" for the presence of microscopic lesions. Lesion findings in control and exposed animals were then compared and evaluated.

RF or sham exposed animals that died during the study period were necropsied to establish the cause of death and to assure the

the absence of contagious infectious disease. The monitoring included evaluation of colony stock animals that were housed in the room with RF exposed and control animals. These animals were evaluated to aid in establishing normal biological baseline data.

Animals found in a weak or moribund condition were humanely euthanized using carbon dioxide in a closed chamber. The animals were then necropsied immediately or alternatively the body cavities were opened and the carcass was fixed in 10% buffered formalin and examined for pathologic change at a later time. Aged (500-900 days) RF exposed animals and sham irradiated animals were randomly selected for necropsy to evaluate aging changes.

Recropsy observations were recorded and the reports filed; the various types of non-neoplastic and neoplastic lesions noted were photographed for documentation purposes.

#### Statistical Analysis

The student's t-test was employed to assess the significance of the effects of RF exposure on mass gains and hematological parameters. The Chi-square test with Yate's correction for continuity was used to determine the significance of histopathological findings.

## V. RESULTS AND DISCUSSION

#### Growth

There were no significant differences between the RF and sham exposed mice in terms of growth as judged by mean body mass gains. Figure 8-13 present the mean body masses for the three experiments according to sex. For the F3-2 experiment shown in Figures 8 and 9 the mean body masses of RF-exposed males were significantly (p<0.05)

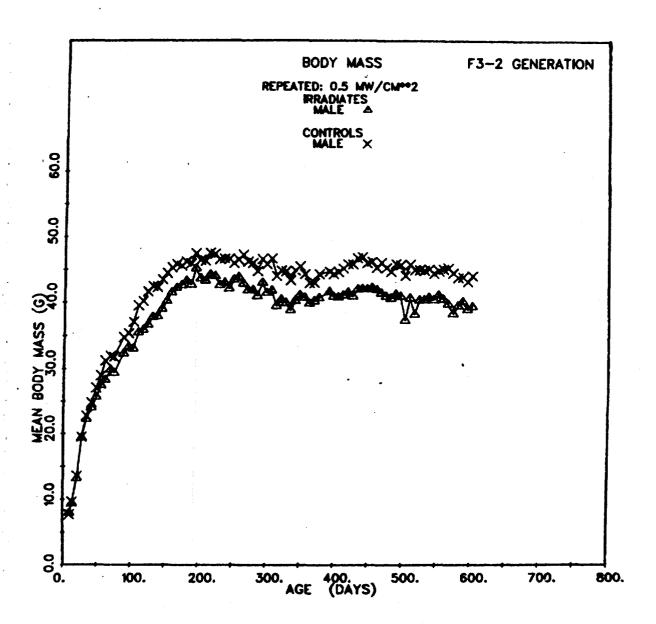


Figure 8. Mean body mass of sham-irradiated and irradiated F3-2 male mice.

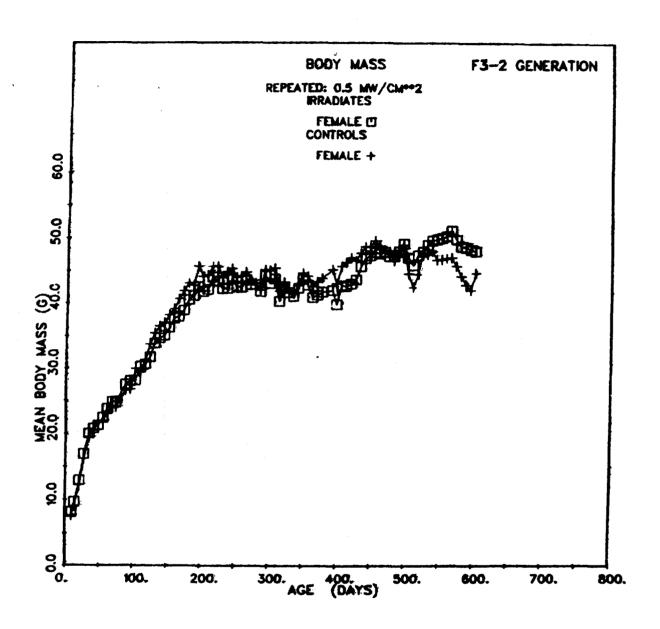


Figure 9. Mean body mass of sham-irradiated and irradiated F3-2 female mice.

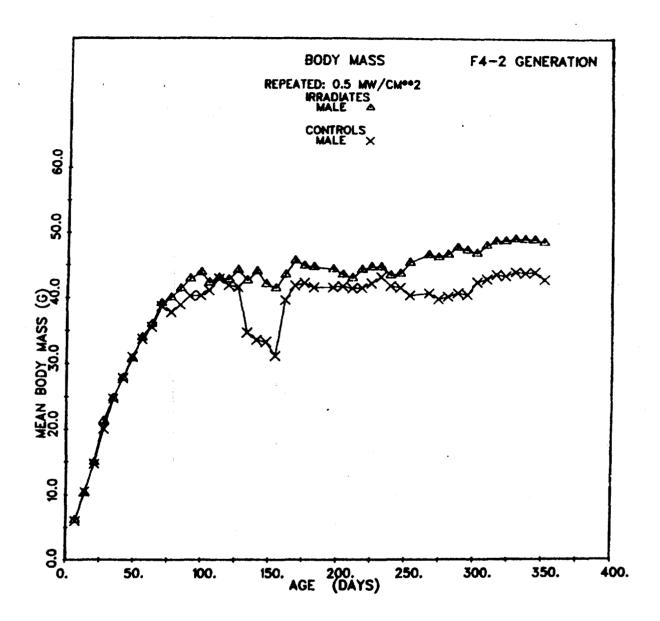


Figure 10. Mean body mass of RF- and sham-irradiated F4-2 male mice.

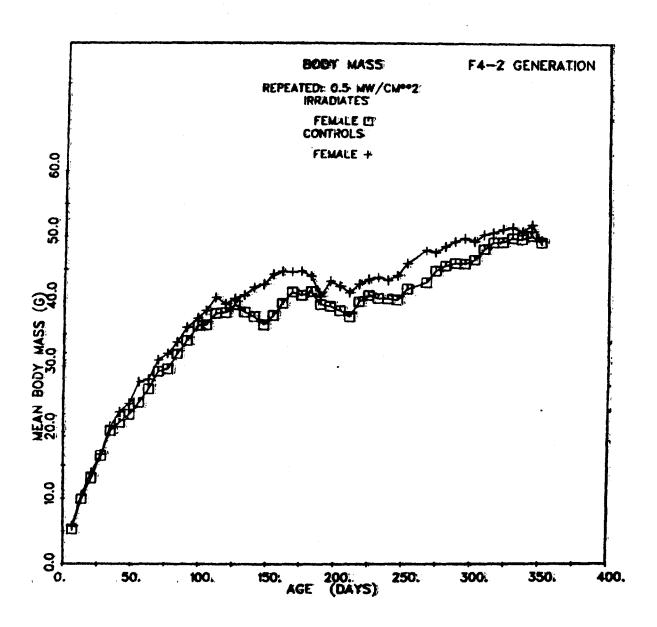


Figure 11. Mean body mass of RF- and sham-irradiated F4-2 female mice.

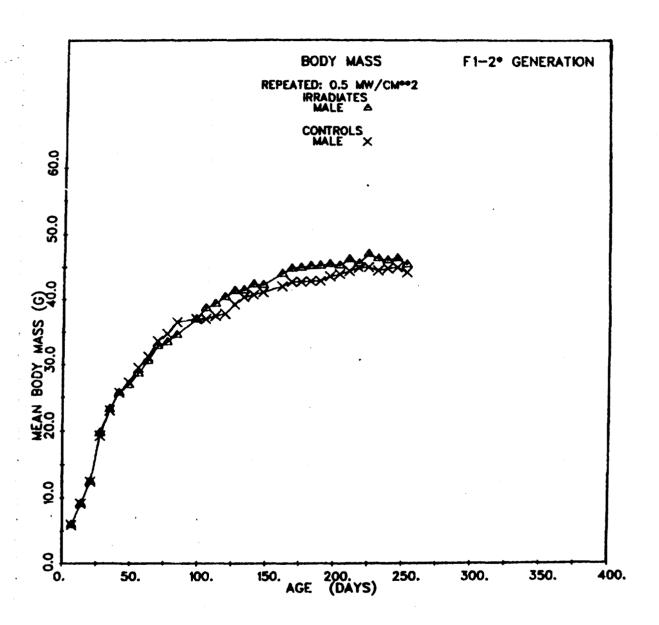
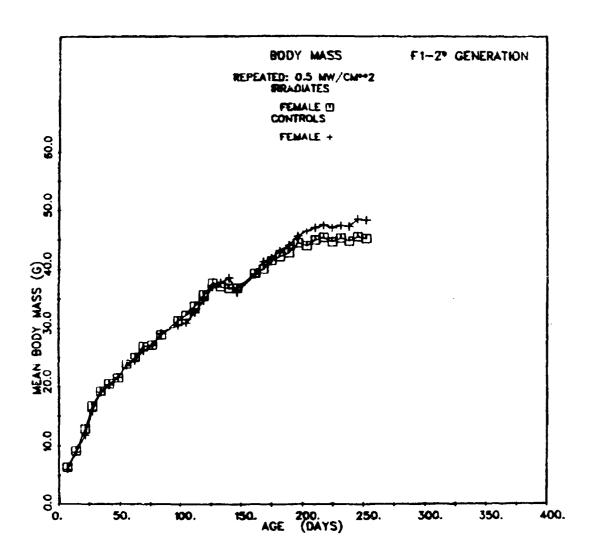


Figure 12. Mean body mass of RF- and sham-irradiated F1-2 male mice.



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Figure 13. Mean body mass of RF- and sham-irradiated F1-2 female mice.

less than the sham exposed ones, whereas experiment F4-2 shown in Figures 10 and 11 the exposed male body masses were higher than the sham after the first several weeks of life. The difference between the gains in body masses exhibited by the animals in F4-2 experiments was not statistically significant (p>0.05). Up to 250 days of age, animals of the F1-2 experiment exhibited no difference in growth (Figures 12 and 13). Details of the statistical analysis are given in Appendix A.

## Hematology

Values of blood cell counts, packed cell volume (hematocrit) and hemoglobin in RF-exposed animals which had blood withdrawn from the tail vessels at different ages, in comparison with those from the sham exposed animals, are shown in Figures 14 to 31.

No significant changes (p>0.05) were noted in the numbers of erythrocyte, leukocyte, lymphocytes or segmented neutrophils, and in the values of hematocrit or hemoglobin.

Statistical summaries of the blood parameters for each experiment are presented in Appendix B.

#### Pathology

Histopathological and necropsy evaluation revealed several neoplastic and non-neoplastic lesions that were consistently seen in all test groups, controls and colony stock animals. Most lesion types documented were apparently related to aging and principally seen after 400 days of age. Non-neoplastic lesions noted in the study groups are listed in Tables 3 and 4, for male and female mice, respectively.

The non-ncoplastic condition of pancreatic islet hyperplasia (endocrine pancreas) was commonly seen with equal frequency in male

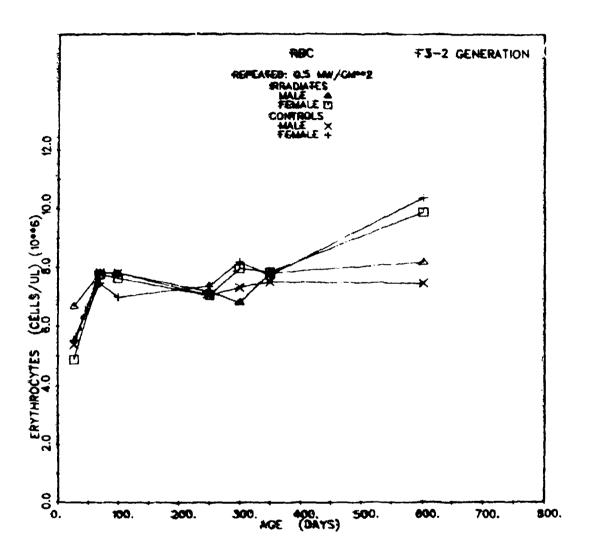


Figure 14. Red-blood-cell counts for sham-irradiated and irradiated F3-2 animals as a function of age.

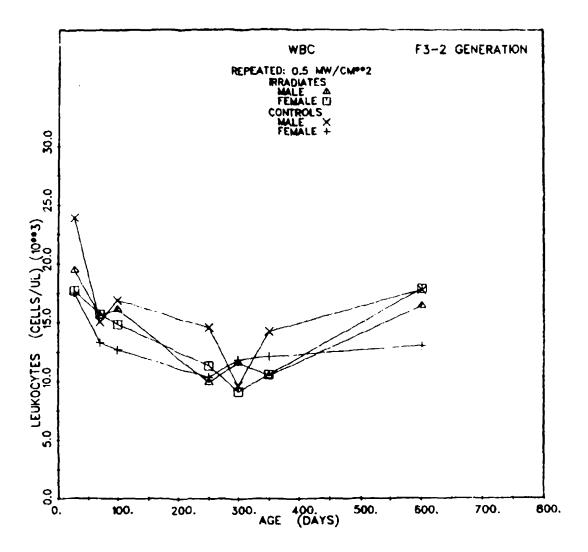


Figure 15. White-blood-cell counts for sham-irradiated and irradiated F3-2 animals as a function of age.

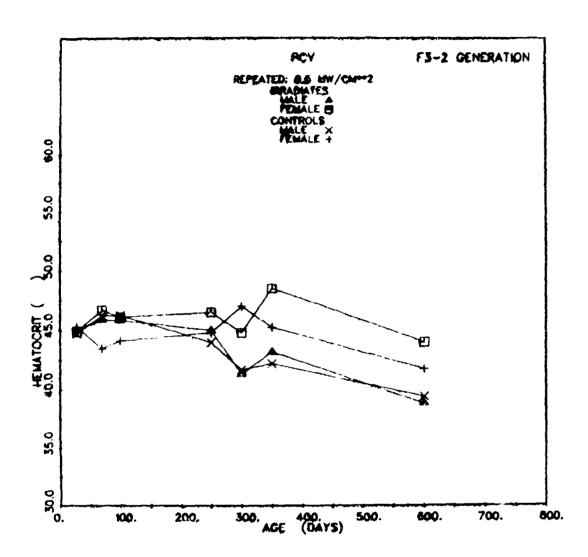


Figure 16. Packed cell volume for sham-irradiated and irradiated animals.

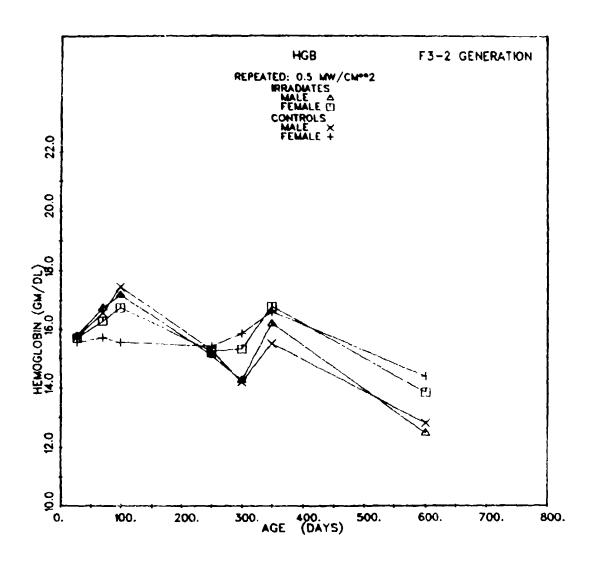


Figure 17. Hemoglobin for sham-irradiated and itradiated animals.

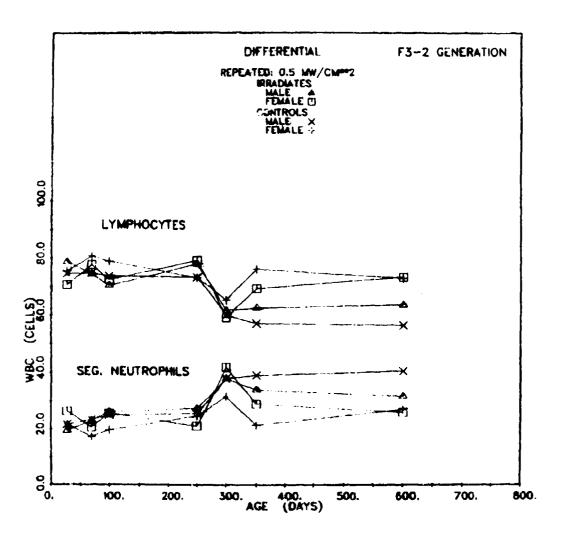


Figure 18. Lymphocyte counts for sham-irradiated and irradiated F3-2 mice as a function of age.

Figure 19. Segmented neutrophil counts for sham-irradiated and irradiated F3-2 mice as a function of age.

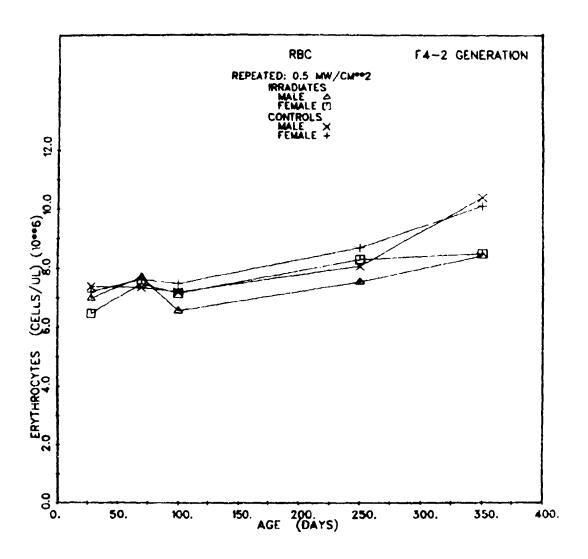


Figure 20. Red-blood-cell counts for RF- and sham-irradiated F4-2 mice as a function of age.

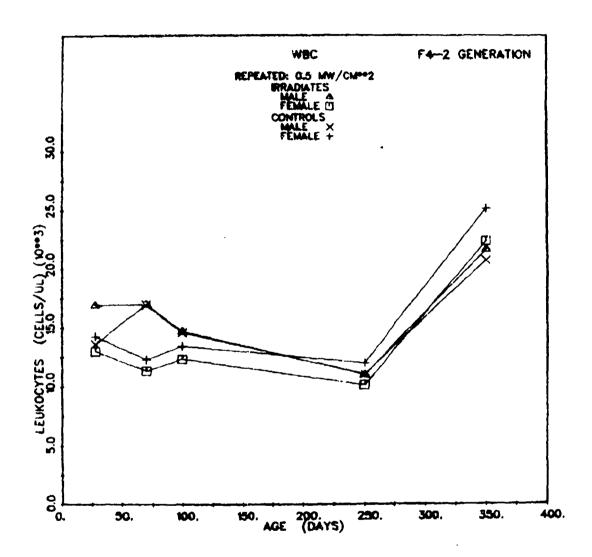


Figure 21. White-blood-cell counts for RF- and sham-irradiated F4-2 mice as a function of age.

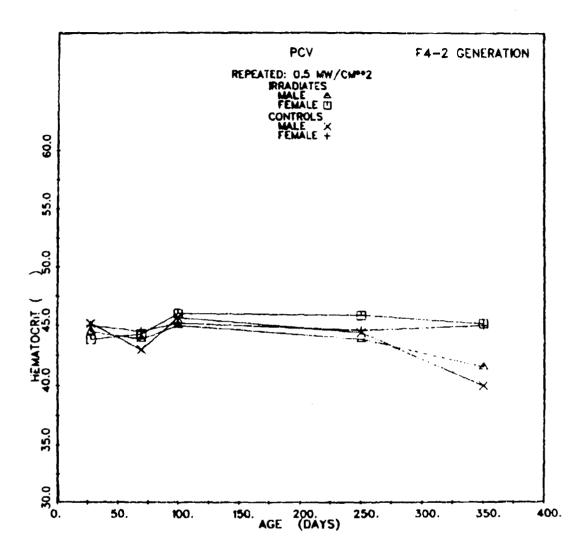


Figure 22. Packed cell volume for RF- and sham-irradiated F4-2 mice as a function of age.

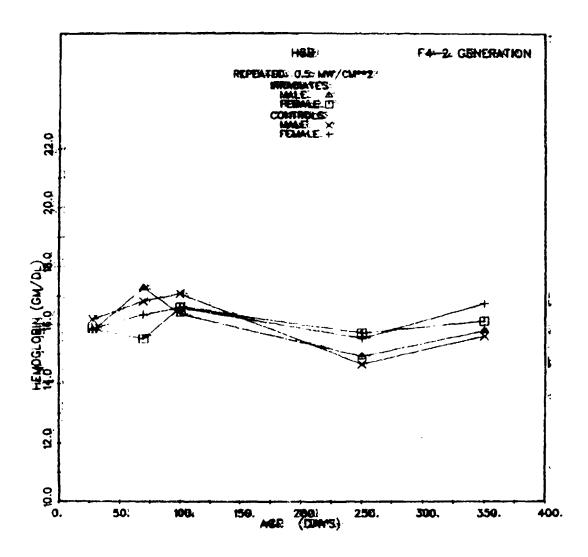


Figure 23. Hemoglobin for RF- and sham-irradiated F4-2 mice as a function of age.

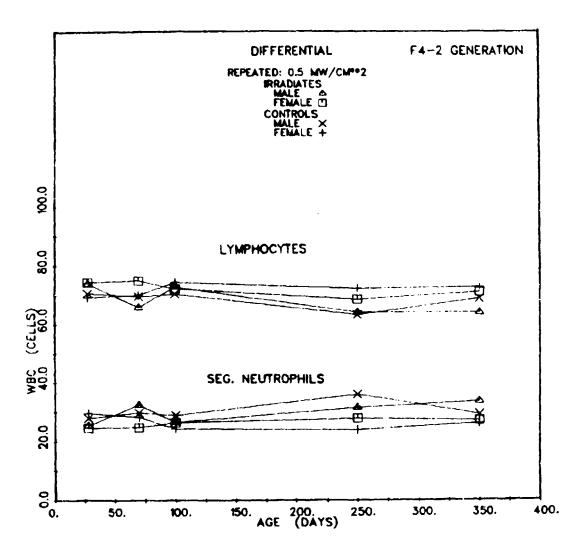


Figure 24. Lymphocyte counts for RF- and sham-irradiated F4-2 mice as a function of age.

Figure 25. Segmented neutrophil counts for RF- and sham-irradiated F4-2 mice as a function of age.

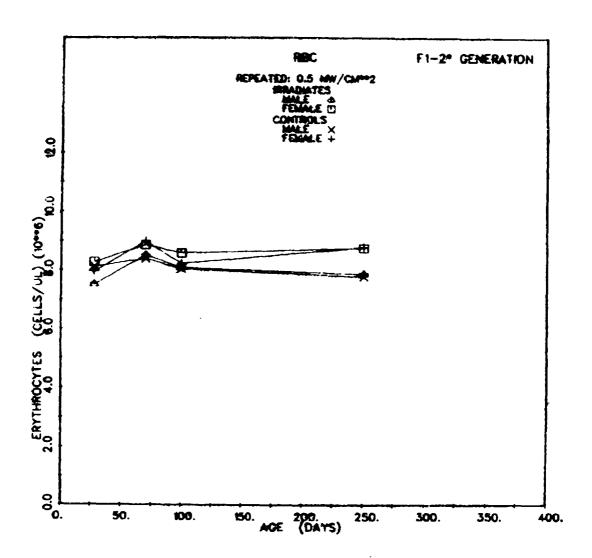


Figure 26. Red-blood-cells of RF- and sham-irradiated F1-2 mice.

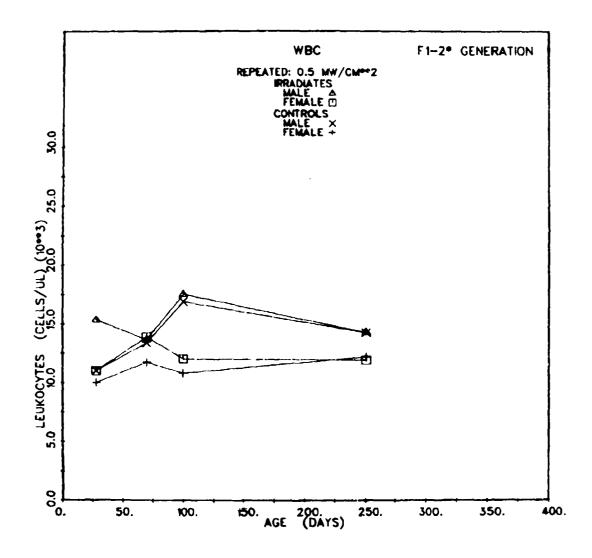


Figure 27. White-blood-cells of RF- and sham-irradiated F1-2 mice.

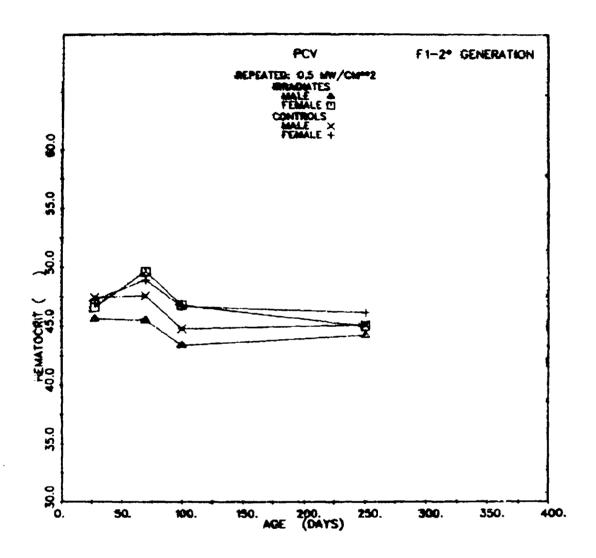


Figure 28. Packed cell volume of RF- and sham-irradiated F1-2 mice.

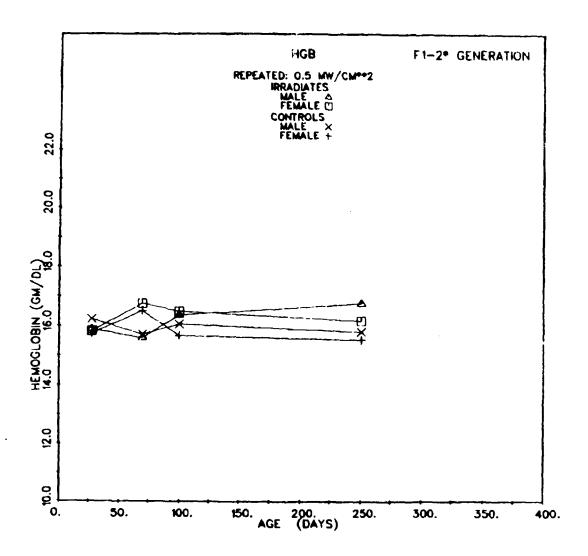


Figure 29. Hemoglobin of RF- and sham-irradiated F1-2 mice.

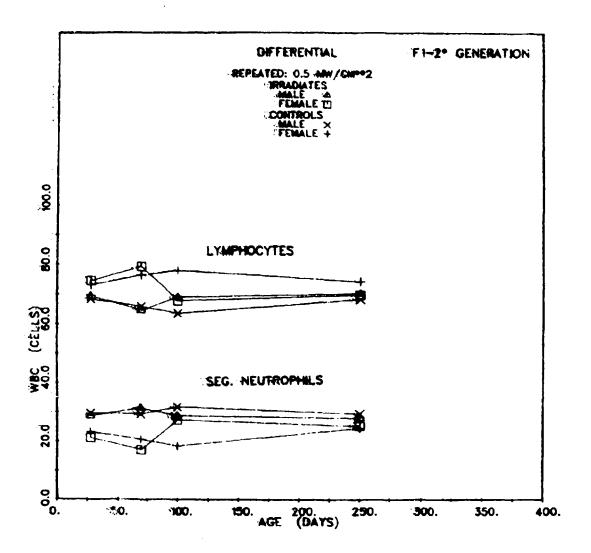


Figure 30. Lymphocytes of RF- and sham-irradiated F1-2 mice.

Figure 31. Segmented neutrophils of RF- sham-irradiated F1-2 mice.

Table 3 Summary of Non-neoplastic Lesions in Male Mice (x/y indicates lesion noted vs. number of animals examined)

Lesion	RF-Exposed	Controls	Stock Animals
Kidney Scarring		2/22	1/37
Urolithiasis		1/22	2/37
Pancreatic islet hyperplasia	3/20	4/22	

Table 4 Summary of Non-neoplastic Lesions in Female Mice (x/y) indicates lesion noted vs. number of animals examined)

Lesion	RF-Exposed	Controls	Stock Animals
Salivary gland duct obstruction	1/20		
Pancreatic islet hyperplasia	5/20		4/31
Cystic ovary	4/20	4/17	3/31
Uterine endometrial hyperplasia with mucometra or hydrometra	5/20	4/17	1/31

and female mice. It was noted especially after 500 days of age in 14 percent of the animals. Females revealed cystic ovaries in 15 percent of the animals. Uterine enlargement with either mucometra or hydrometra was generally present in females exhibiting cystic ovaries. The uterine enlargement resulted from endometrial hyperplasia. The other lesions listed in Tables 3 and 4 occurred too infrequently to establish any reliable prevalence and can best be described as occasional findings (generally 0-10 percent).

There was no significant difference in the incidence of any given non-neoplastic lesion among all the animal groups listed in Tables 3 and 4, except for the pancreatic islet hyperplasia between control and stock animals ( $x^2 = 4.63$ ; at 1 df, p<0.05). If the total number of non-neoplastic lesions for each sex is compared however, the incidence of non-neoplastic lesions in RF exposed male animals was significantly higher (60%) than that (26%) of the stock animals ( $x^2 = 4.61$ ; at 1 df, p<0.05). It should be noted that the difference between RF and sham exposed mice was not significant.

One neoplasm type, the hepatoma, was seen with high frequency in animals 400 days and older of both sexes (Tables 5 and 6). All nodular lesions or tumors arising from liver parenchyma cells were classified for compilation purposes as hepatomas. No attempt was made to separately classify the lesions as nodular hyperplasia, non-malignant hepatoma and hepatocellular carcinoma. These lesions may represent stages of hepatocyte derived neoplasms (Solt and Farber, 1976; Squire and Levitt, 1975). The prevalence appears to be 30 percent regardless of sex or animal group. The small number

Table 5 Summary of Neoplasms in Male Mice (x/y indicates neoplasm diagnosed vs. number of animals exposed)

Neoplasm	RF-Exposed	Controls	Stock Animals
Hepatoma	8/20	9/22	16/37
Hemangio-endothelioma (benign)		1/22	
Lymphoma (thymic or splenic)	1/20		
Pulmonary Neoplasm (alveologenic)		1/22	4/37
Harderian gland adenoma			1/37

## Table 6 Summary of Neoplasms in Female Mice (x/y indicates neoplasm diagnosed vs. number of animals examined)

Neoplasm	RF-Exposed	Control	Stock Animals
Hepatoma	7/20	2/17	3/31
Lipoma (mesenteric)	1/20		
Pulmonary neoplasm (alveologenic)		1/17	
Harderian gland	<del>i</del>		2/31
Fibrosarcoma		•	1/31
Mammary gland (adenoma or adenocarcinoma)			1/31
Ovarian neoplasm			1/31
Uterine leiomyoma		1/17	
Undifferentiated carcinoma, suspect Thyroid origin	· · · · · · · · · · · · · · · · · · ·	1/17	1/31

of animals which was evaluated by necropsy however will not permit a statement of exact hepatoma prevalence in this substrain.

The other types of neoplasms detected occurred infrequently with a prevalence of 0-10 percent. There was no indication that a difference exists in neoplasm prevalence, time of onset, stage of differentiation and biologic behavior when sham-and RF-exposed mice were compared.

Necropsy and histopathology revealed no evidence of RF-induced change in those animals selected for necropsy prior to 300 days of age. Idiopathic partial alopeci was commonly seen with equal frequency in male and female mice of all groups beginning at 150 days of age. The animals were free of ectoparasites.

It is recognized that the sample size for necropsy evaluation and histopathological examination was small. The observations primarily served a quality control function. It is also noted that there is limited pathology data available in the literature concerning lesion incidence and prevalence during the life span of C3H/StCr (Benirschki, et al., 1978; Cotchin and Roe, 1967; Green, 1968; Jones, 1976; Murphy, 1966; Ribelin and McCoy, 1971; Robinson, et al., 1974; Staats, 1972; Vesslinovitch, et al., 1978; Williams, et al., 1977).

## General Clinical Observations

The sham and RF exposed animals remained remarkable free of spontaneous infectious agent caused disease. No clinically recognizable contagious infectious disease occurred in the colony during the study. Except for one instance of bacterial pneumonia in a single control mouse, infections were noted only secondary to

other primary causes resulting in either injury or necrosis
of tissue. Microscopic examination of stained organ and tissue
sections did not show evidence of latent or subclinical infections.

Clinical observations and necropsy evaluation detected several neoplastic and non-neoplastic lesions that were consistently seen in all test groups, controls and colony stock animals. Lesions did not differ perceptibly among animal groups in age onset, incidence, prevalence, severity or extent of involvement and general biologic effect.

It is significant to note that no evidence of immunosuppression occurred because spontaneous primary infection was a rare event.

Hematopoietic and lymphoreticular system neoplasms occurred infrequently; immunosuppression is known to increase the likelihood of neoplastic proliferation of these tissues. During the period of the study no cataracts were noted. Fertility differences among irradiated and control animals were not detected. Body growth patterns did not differ among sham and RF exposed animals.

## VI. SUMMARY

The effect of repeated exposure of C3R mice to radio frequency.

(RF) energy (148 MHz) was investigated. The animals were irradiated to 0.5 mW/cm<sup>2</sup> (63.25 V/m) in a TEM exposure chamber. They were irradiated for one hour a day, five days a week, beginning on the 4th to the 7th day postpartum, for 10 weeks. Both RF and sham irradiated animals were weighed daily from the beginning of irradiation treatments for 10 weeks, and weekly thereafter. Blood was drawn from tail vessels of the mice for analysis at 28, 70, 100, 250, 300, 360 and 600 days of age. Necropsy and hispathological

examinations were performed on randomly selected animals from each group.

The results indicated that the formed elements in the blood were not affected by the exposure. The means of body mass of the irradiated and control animals were comparable no significant differences in the lesion onset, incidence, prevalence, extent, or type were observed when repeated RF-exposed animals were compared with sham-control groups. The study thus suggested that at the exposure levels studied biological effects do not occur or are not detectable from the parameters used.

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Appendix A
Statistical Summary of Body Masses

Table A.1 Body masses for F3-2 male mice.

T-TEST FOR F3-2 MALES

									# POOLED	POOLED VARIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
37841960	3,1	NUMBER OF CASES	BEP ASES	ž	STAMBARD DEUIATION	STANDARD ERROR	# ה # טאנטה	2-TAIL PRUB.	T T	DECREES OF	2-TAIL	UALUE	DEGREES OF FREEDOM	2-TAIL PROB.
06119	MGT18 1-CONTROL 2-EXPOSURE 7.7	ONTROL	2.ExPOS	URE AGE 110	• DAYS 1.410	6.391			4	ς.	و درد	<b>6</b>	28,66	ני. ני
	S AUVAD	21	٠ J	7.9333	1.409	0.407			° - =	3				
WGT11 GROU	CROUP : 13 8.41	ONTROL	Z-EXPOS	UPE FGE:11	1 DAYS 1 340	●.361		:		?	000	9	22 63	•
	5. S 9.09.5		∾	8.3417	1.359	€. 392	<u>.</u>	£.	Ŭ. P.	G			) ;	
<b>UC</b> 712	MGT12 1.COMTROL 2.EK405-UPE (	ONTROL	2.Exeos	UPE AGE:12 9.0846	2 DAYS 1.208	•.335		1		,	9.0	9	00.00	8,5
	5: 5 9U0RD	••	۸	8.7508	1.330	9.384			8					
<b>5</b>	46713 1+COMTROL 2+EXF0SURE 9.7	OMTROL 1	2.ExF05(	URE AGE:1	AGE:13 DAVS	0.362		:	- H		000	9 9	22.33	6.601
	GROUP 2	15	٠.	9.4167	1.428	0.412				ດ		<u>'</u>		1
4117	UGT14 1+00NTROL 2+EXPOSURE GROUP 1 13	ONTROL	2-EXPOS	URE AGE:14 9.6615	4 Days 1.122	9.311	-	!			200	5	21.13	6.589
	GROUP 2		12	65.6.5	1.397	0.403	1.35			S	2	}		
46717	CROUP 1	ONTPOL	2-EXPOS	46117 1-COMTPOL 2-EXPOSURE AGE:17 DAYS GROUP 1 11 11.7727 1.	7 DAYS	9.396					465	9.75	6- 6- 6- 6- 6- 6- 6- 6- 6- 6- 6- 6- 6- 6	6.461
	GROUP 2 12 31.3167	-	~	::.3167	1.595	9.461		Þ		;	}	;		
UCT18	46718 1-CONTROL 2-EXPOSURE GROUP 1 12 11-8	0047ROL	Z-ExPOS	URE AGE:18	8 Davs 1.345			1	9	1 1 1 1 1 1	6	6	20.33	<b>6.623</b>
	CAROUP 2	15		11.4917	1.806	0.521		7		1		, } •	! ! !	

Table A.1 (continued)

9 9		NUMBER OF CASES	HE DH	DEUTATION	STANDARD ERROR		UPLUE	e-falt PROB.	# 00 #	DEGREES OF	P. D. D. C.	VALUE	PEGREES OF	PROB.
	23-1 13-13-13-13-13-13-13-13-13-13-13-13-13-1	MTROL 8-EX	UGT19 1-CONTROL 2-EXPOSURE ALE:19 8	19 DAYS 1.298	0.375	~ ~ ~	5	4.00	н н Ф.	25	8528	6.64	19.79	825.
	ROUP 2	GROUP 2 12	11.8583	1.837	9.530		;							
JG720 G	1.00 1.00	NTROL 2-EX	UGT20 1+CONTROL 2+EXPOSURE AGE 120 GROUP 1 12 12.7667	20 DAYS	<b>⊕</b> .331			146	9	cc	- M M	6	e c	60
O	CROUP 2	12	12.3333	1.809	6.522	• •• ••	,				× **			
VCTE1	ROUP 1	JNTROL 2+EX	UCTEL 1-CONTROL 2-EXPOSURE AGE:21 GROUP 1 12 12.5917	21 DAVS 1.259	6.363	***		410 00 01		~ ~ ~	# 5° 5 6	6	3E 61	و. کاد ک
٠	≥ anoa:	GROUP & 12	13.1833	1.855	8.535		• •					,	}	)
JG724	Roup 1	NTROL 2-EX	JGT24 1-034TROL 2-EXP35URE AGE:24 GROUP 1 16.2500	24 DA75 1.536	644.0		•	040	4	0,0	- H M	6 7	e de	6.659
g	GROUP 2	12	15.8917	2.213	6.639	• # 10	0 P.				, pe pa			
UCT2S	CROUP 1	12	16.9417	1.609	9.465				•	**	B 678 #	54.	60.61	6.678
J	2 400 <b>%</b>	21	16.5917	5.386	689.	• ** **					-			1 1
UGT26	1-C0	LCTZG 1-CONTROL 2-EXPOSI	POSURE AGE:25	25 DAYS	0.439			700	9	C C	# 925 6	6	18.71	6.377
٠	CROUP 2	12	16.8833	2.178	9.626		<b>.</b>							

Table A.1 (continued)

							# POOLED	POOLED UMRIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UARIANCE ESTIRATE	STIMATE
UGRIABLE	FLE	NUMBER OF CASES	Z	STANDARD DEULATION	STANDARD ERROR	E F 2-TAIL E UALUE PROB.	# CALUE	DECREES OF	PROB.	VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
<b>UGT</b> 27	CROUP GROUP	UGT27 1.CONTROL 2-EXFOSURE GROUP 1 12 18.5 GROUP 2 12 18.3	XF0SURE AGE10 18.5000	A2E127 DAYS 1.848 250 2.220	6.534 6.641	1.44 6.554	## 0.21	25	e.836	6. 5.	21.36	9.836
UCT28	1.00 GROUP 1	ucres 1.contpol 2.exposure cross 12.5 13.3 13.3	XPOSURE AGE:2	AGE: 28 DAYS 11750 2.08:	8.528 6.69!	1.36 6.674	60 C2	25	6.837	6.21	21.64	6.837
UGT31	GROUP GROUP	#GT31 1.COMTROL 2.EXPOSURE GROUP 1 11 20.7 GROUP 2 11 20.7	XPOSURE AGE:31 21.3600 20.7454	3: DAYS 1.570 1.956	0.473	1.55 0.499	****	• • • • • • • • • • • • • • • • • • •	6.472	.73	19.11	. s . s
<b>661</b> 32	1-00 0800P 1 0800P 2	46732 1-CONTROL 2-EXPOSURE GROUP 1 11 21.2 GROUP 2 11 21.1	XPOSURE AGE:32 21.2636 21.1454	32 DAVS 1.791 1.749	6.540		44 H H H	60 N	6.83	<b>.</b> 16	19.99	6.87
uc133	LIGT33 GROUP 1		21.6454	1.468	0.443	1.15 6.829	S6.0	€ ~	9.352	8.9	<b>3</b> 6.61	9.352
NCT34	CROUP CROUP	UGT34 1-COMTFOL Z-EXPOSURE GROUP 2 11 22.3	-EXPOSURE MGE:34 22,3363 21.8000	34 2445 1.668 1.654	6.503	676.0 6.979		€ 2	. 458	9.76	20.66	6.458
uc735	uGT35 CROUP	1-CONTROL 2-EXPOSURE GROUP 1 11 22-18 GROUP 2 11 22-2	XPOSURE AGE:35 22.8363 22.2454	35 DAYS 1.928	0.581 0.577	## 1.02 6.981	ж ж н н 6	\$	9.479	<b>9</b> .72	50.00	9.479

Table A. 1 (continued)

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GROUP 2 11  GROUP 1 1004TPOL 2-EXPOS  GROUP 2 11	POSURE ACE:	AGE: 39 DAYS	6.478	2.39 8.186	# # # 6.83	₹.	6.384	.89	17.13	●.386
GROUP 2 11	23.1636	2.419	.729		<b></b>	1 1 1 1 1	<b>*</b> •	1	1	
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GROUP 2 11 GROUP 2 11 UGT42 1:CONTROL 2-EXPON	23.2182	2.312	6.697				***	1 3 4 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
GROUP 2 11 UGT42 1:CONTROL 2-EXPO	POSURE ACE: 24.7818	AGE:41 DAYE			# # # 50	•	# # 960	.87	16.69	9.387
UGT42 1.CONTROL 2-EXPO	24.0545	2.362	<b>9.71</b> 2			- ;	***	1	;	1
<b>C</b> *COD* 1 - 1	POSURE AGE:	AGE: 42 DAVS 8454 1.511	<b>6</b> .456	1 1 1 1 1 1 1 1 1 1	# <b>6</b> .93	80	9.362	6.93	16.66	9.364
GROUP 2 11	24.0363	2.447	0.738				•			

Table A.l (continued)

							~ -	POOLED	POOLED JARTANCE ESTIMATE		SEPARATE	E SEPARATE UDRIANCE ESTIMATE	STIMATE
VARIABLE	319.	NUMBER OF CASES	<b>1</b>	STANDARD DEULATION	STANDARD ERROR	# F	2-TAIL PROB.	T UALUE	DECAREES OF FREEDOM	2-TAIL B	SARUE	DEGREES OF FREEDOR	PRO3
#CT45	SROUP 1	UCT45 : CCM*RCL 2-EKPOSURE ACE:45 DAYS	05URE PCE: 25.6363	45 DAYS	0.423		!		,		•	×	961
	ئەزدە ج	11	24,7989	2.346	19.70	? 			D U			cc : 91	9: 35
<b>UGT 46</b>	ucr46 1-0	1-CONTROL 2-EXPOSURE AGE:46	OSURE AGE:	46 Days	<b>6</b> .481		!	; ; ; ; ;		, mar 400 (		5	
	ର ଜମତଣ୍ଡ	<b>.</b>	25.2727	555.5	9.762	* * * * * * * * * * * * * * * * * * *	* 	5 -	<b>5</b> V	717.0	9.		
UCT 47	CROUP 1	UGT47 1-CONTROL 2-EXPOSURE AGE:47	OSURE AGE:	47 DAYS 1.393	0.428		1			<b>60 60</b>	1 1	1	
	S. POUP 2	11	24.9545	-	€.692	* * * * * * * * * * * * * * * * * * *	. 13	1.22	<b>©</b> ∼	<b>4 5</b> 6 . 5 3 5 . 6	1.32	8 • • • • • • • • • • • • • • • • • • •	<b>8</b> .63. <b>9</b>
UCT 43	1 -00-085	UCT48 1-CONTROL 2-EXPOSURE AGE:48	05URE AGE:	48 Days 1.625	. 490		:				4	26	5
	GPCLUP &	11	25.7636	2.454	•.74	5. 2 * * * *			·				
UC149	CROUP 1	UCT49 1-CONTROL 2-EXPOSURE MGE:49 EAVS GROUP 1 11 27.1182 1.0	05UPE MGE:	49 EAVS	0.429		!				- 2	45.71	0
	GROUP 2	11	55.6989	2.401	€.724	* * * * * * * * * * * * * * * * * * *		? -	e u	691.0	•		
46152	46152 1+C	1-COMTROL 2-EXPOSURE AGE 152 GROUP 1 11 27.4454	105URE AGE 1	52 DAVS	9.4:6		•		•	920	2	86.58	688
	CROUP 2	11	25.9727	2.251	6.679	, ,	9.1.20		)				1 1
UG153	CROUP 1	UGT53 1-CONTROL 2-EXPOSU	05URE AGE:53 DAYS	53 DAVS	0.405		•					<b>6</b>	9116
	CROUP 2	11	26.2272	2.563	6.773	3.65	6 53.9	À	•	- <b>-</b>			!

Table A.l (continued)

31901800	<b>3</b> 16	NUMBER OF CASES	58 3ES MEAN		STANDARD DEJIATION	STANDARD ERROR	מים מים	r G. "A!L	# UACJE	DEGREES OF FREEDOM	2-TAIL   PRCB.	J. Jeo	DECREES OF	PROB.
49100	SRCUP 1	#GT54 1+COMTROL 2-EXPOSURE 31 28CUP 2 11 255.8	-ExP35URE AGE 27,3589	. 42 69 99 99	AGE:54 DAV5 3509 1.546 8909 2.835		90.0	590.0 9	**************************************	<b>8</b>	6.:39		15.46	0 14
uc755	UGTSS 1+CC	CONTROL 2-	1.CONTROL 2-EXPOSURE AGE GROUP 1 11 27.9363	AGE:55 9363	DAYS 1.086 2.778	6.327 6.838	(A)	5 • .		89	. 6. 38 8. C. C. S.	2.22	12.99	
UGTS6	GROUP 1	CCNTROL 2**	EKFOSURE 29.0	AGE:56 8688 1636	1.266	6.382 6.771	00 09 7	8 6.637	1.79	<b>Q</b>	6. 89 9	1.79	14.62	. 694
UGT59	CROUP 2	CONTROL 2 1 11 11	GROUP 2 11 29.78918 GROUP 2 11 27.7891	AGE 159 4818 7091	DAVS 1.310 2.894	6.395 6.873	60 60 7	69 CD CD	******	œ N	9. Q.	1.85	13.93	
<b>J</b> CT6	CROUP 1	CONTROL 2 1 11 2 11	UCT66 1-CONTROL 2-EXPOSURE ACCOUNT 1 1 29.649	ACE: 60 454 1363	6454 1.465 6454 1.465 9363 2.950	6.44.2 6.889	9		**************************************	o N	•	5.72	14.65	9
UGTE	SPOUP :	CONTROL 2:		66:61 63	AGE:61 DAYS 363 1.5:7	6.458 6.912	3. 40	7 6.646		29 •	e) 80 31	 00	14.74	6.691
<b>U</b> CT62	GROUP 2	2 11	31.2272	2272 33 <b>6</b> 3	3. E. 15	9.933	•	. 98. . 98.	α α α	• ~	6	ر. 20	€ 6 N	

Table A.1 (continued)

UGTES GPCUF : 1 36.  UGTES GPCUF : 1 36.  UGTE	25 CONTROC					•							
UGTES SPOUF  UGTES SPOUF	CONTRO	7.74 E 5.6	EAH	STANDARD	STANDARD ERROR	# CALLE	PROB.	# VALLE	PECREES OF FREEDOM	2-141. PR08.	natue 1	DEGREES OF FREEDOM	PROB
100767 38008 36008 36008 36008 36008 36008		3+5 (PC	36.9698 36.9698	AGE: 65 CAYS 9090 1.466	0.442				ģ	4		4	9
28 CBB 18	: ປ	: <b>:</b>	56.5272	8:3'2	898.	8	, ,	,	ž				
.ceur .ceur	Section 1: 1: 395	2.Ex03	31.219:	7 2945	0.4:6			4			96.4	13.66	359.6
LEGTER SAGUP CACUP CACUP CROUP CROUP	(1)	::	29.02	3.166	6.954	ù.			)				1
MGT65 GROUP	1.CCMTRGL 2.EXPOSURE	2-ExP3	31.2819	8 DAYS 1.573	9.474		!			0	4	14.66	. 43 Q4 ⊕ .
46769 1- GROUP GROUP 46779 1-	ſŲ	::	29.0000	3.164	6.954	<u></u>	8 9 •		<b>D</b> U				, , , , , , , , , , , , , , , , , , ,
GROUP	1-CONTROL 2-EXPOSURE GROUP 1 :0 31.	2-EXPC	31.4868	1.498	0.474		;			-	9	56.8	6.195
LCT.0	13	œ	29.4875	3.622	1.281			) 	0				1
anoes	1+00MTROL 2+EXPOSURE GPOUP 1 11 31.	2-ExPC	31.9363	79 DAVS	0.472		!				-	7. 0.	9.865
5 900 sp	~	::	59.8562	3.024	6.912	· ·	,	)	į.			1	
L-01 1-0	5	ROL 2-EXPOSUR	31.6000	73 DAVS	9.561				œ	6	2	4. (.)	9.067
S 400AD	2	•	25.3500	3.110	6.983	) 			0				1
UCT74 LACUP	L-CONTROL 2-EXPOSURE GROUP 1 10 31	2-ExP(	31.5986 1.1	74 EAYS 1.913	569.8				٩	036	3	14,72	6.672
S 4DOMS		•	29.3100	3.196	1.611	? 		*	•			; :	

rable	fable A.l (continued)	(cont	inned	_										
UMPIABLE	\$1E	20	NUMBER OF CASES	₽ A	STANDARE DEULATION	STANDARD ERROR	## Color	Z FAIL UE PROB.	Jr. to E	PREEDOM	PROB. 1	Jalac	PECREES OF FREEDOM	2-TA12
WOT 75	TTS 1-CONTR	CONTROL	2.EXP 10	USTTS 1-CONTROL 2-EXPOSURE AGEITS DAYS 31-7999 11- GROUP 2 10 29.3900 3-0	175 DAYS 1.902	9.691 9.961	2.55	55 0.179	**************************************	80	9 9 0	8.13	15.11	0.051
3 1 0 1 0 1 0 1 0	GROUP 1	COMTROL	16 - EXP	1-00**FROL Z-EXPOSURE AGE:89 GROUP 1 10 34.7000 GROUP 2 10 32.3000	.89 DAYS 2.852 3.586	8.982 1.134	85.	9 <b>0</b> 8.5	99.	80	6.115		17.13	0.116
96100	40196 1+CONTROL 2 SPOUP 1 10 GROUP 2 10	CONTROL	N G G	1.CONTROL 2.EXPOSURE AGE:96 GROUP : 10 35.2800 GROUP 2 :0 33.2900	:96 DAYS 2.896 3.975	9.916	**************************************	88 F. 359	00 00 00 00 00 00 00 00 00 00 00 00 00	00	9.217	1.28	16.45	<b>6</b> 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
61	3 1 • CC GROUP 1 GROUP 2	CONTROL 1	NO O	GGT183 1.COMTROL 2.EXPOSURE AGE:183 GROUP 2 9 33.0133	2.785 2.785 2.785	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9	96 6.936		9		3.11	15.99	. ₽
UGTII	UGTI18 GROUP 1 GROUP 2	; ; ;		39.4666 35.3889	3,129	6.971 (0.971	# # # # # # # # # # # # # # # # # # #	15 0.844		9	6	S.86	15.92	
3 3 111 113	GROUP 2	11 Co 1 Co 1		GROUP 2 9 35.7555	3.184	1.061	**************************************	72 0.462	3.36	90	¥.	9.5	1. 4.96	\$
<b>LC</b> 712	CROUP 2	COMTROL	1 1 1 1 1 1 1 1 1 1	UGT124 1-CONTROL E-EXPUSURE AGE:124 GROUP 1 9 41.5333 GROUP 2 9 36.5333	3.545	6.781 1.182	ок 20 20 20 20 20 20 20 20 20 20 20 20 20	69 0.263	3.53	9.	6 6 6	3.53	: 3.87	6.0

Table A.1 (continued)

								# POOLED	URR! ANCE	POOLED UMPIANCE ESTINATE	SEPARATE	SEPARATE VARIANCE ESTIMATE	STIMMTE
JAB I BON	분능	MUMBER OF CASES	# P	STANDARD DEVIATION	STANDARD ERROR	I VALUE	2-TAIL E PROB.	T UPLUE	DECREES OF FREEDOM	PROB.	T VALUE	SEGREES OF FREEDOM	2-TAIL PROB.
WG7131	######################################	9443-2		:131 Cays	9.689			, , , , , , , , , , , , , , , , , , , ,	9	4	רי רי	0	9
ă,	S MUDIE	(P)	37,7111	3.588	1.196			, a #	9				
85.1.5 <b>8</b>	MGT138 1-CONTROL 2-EXPOSURE AGE GROUP 1 9 42.2000	2.ExP0		:128 DAVS	0.591		900	2 40	4,	6	, , , , , , , , , , , , , , , , , , ,	99°04	6.665
ž	SPOUP 2	•	37.7999	3.386	1.129				?				
EGT145	LGT145 1-00MTROL 2-EXPOSURE AGE	3dx3-8		:145 3475 1.536	9.512		;		7	6		61.13	60
ä,	S AUCAS	υħ	38.9111	3.404	1.135		7 D	 	2				
UGT15E	LCT15E 1-CONTPCL 2-EXPOSURE AGE	. 2.ExP0		:152 DAVS	0.630		!			3000		<b>4</b> € 61	6
ğ	anous	ø	40.1111	3.481	1::64	66 67 67 68 68 68 68 68 68 68 68 68 68 68 68 68	4 89 1 . 89 66		<u> </u>	999	;		
LCT:59	LCT159 1-CONTROL 2-EXPCSURE AGE	2 - E KPC		::59 DAYS 1.869	0.623		:			000	9		6
ğ	S AUGHO	c <sup>n</sup>	41.3888	3.269	669	96.E	6 9.134	78.7 2.8	9			) 1 - • • • • • • • • • • • • • • • • • • •	
	LCT166 ::374780L 2-EXPOSURE AGE:166 DAVS	6	15.7333	166 DAVS	9.618		:	: 4	i • 4 • •	200		13.77	<b>8</b> .
ġ	GR.).JP 2	Ф	42.0777	2.839	946.0	ς,	γ γ γ		0				
	467173 1-CONTROL 2-EXPUSURE AGE		15UPE ACE:	1173 DAVS	959.6	1			•	900	, ,	4	9.0
Ē	ട ഹാന	•	42.4665	3.628	1.669	# S.14	€ 00°3033	, , , , , , , , , , , , , , , , , , ,	<u>.</u>	0 D D	) r u	) - -	) )

Table A.1 (continued)

UAD I ABLE	ILE NU	NUMBER OF CASES	MEAN	STA DEUI	STANDARD DEULATION	STANDARD ERRCP		VALUE	2-TAIL PRCB.	ر م	J. J.	DECREES OF FREEDOM	2-TAIL #	t.ALUE	DEGREES OF FREEDOR	2-TAIL PROB.
45T186	461189 1-COMTROL 2-EXPOSURE AGE:189 DAYS 46.0888 1.872	2.ExP0(	5UPE 46E:	186 D	1.872	<b>6</b> .624		8	900		, v	j.	4	, c	9	9
	GROUP 2	o,	43.1665		2.577	6.859		•			<u>:</u>	2				
CC118	GROUP 1 CONTROL 2-EXPOSURE ACE:187	S-ExPo	SURE ACE:	<u> </u>	DAYS 2.157	0.719		,	000		5	3.				
	GROUP 2	On	42.5666		3.220	1.673		3	9			-		Ç	96.5	
UCT194	UCT194 1-CONTROL 2-EXPOSURE RGE:194 CROUP 1 7-47.3571	Z-EXP0	2-EXPOSURE AGE: 7		DAYS 2.126	€.863			8							
	GROUP 2	^	45.6285		2.167	<b>€.8</b> 19					•	<b>3</b>		า •		9
UCT201	## 1-000   1-	2-EXP06	SURE AGE:		DAYS 2.359	<b>6.83</b>			9			; ; ; ; ; •	3 <b>44 44 4</b>			
	GROUP 2	80	43.5256		3.6€5	1.275		,	900.		•	<u>.</u>		700	9.0	
UGT268	#67268 1-CONTROL 2-EXPOSURE AGE: 208	2-ExP05	SURE AGE		DAYS 2.063	6.729	· ·	, ,				•		3	0	4
	S. 900AD	œ	43.1598		3.793	1.34		<b>9</b>	. i. 31		B	-				
UG7215	MGT215 :- CONTROL EXEXPOSURE AGE: 215 GROUP 1 8 47.4124	) (1) (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	SURE ACE:		2.108	6.745		•	•			:	1	2 57	0.0	9
	GROUP 2	00	44.0500		3.637	1.674		Ď.	) CF -	• ~ ~	G	<u>.</u>			,	
JC1222	UGT222 1-CONTROL 2-EXPOSURE AGE: 222	2-EXPC	SURE AGE:		DAYS 2.535	968.							000	, n	13 57	8
	SROUP 2	<b>a</b> o	43.8625		3.038	1.074		<u>:</u>				2		;		
							1			:	11111	1 1 1 1 1 1 1				

Table A.1 (continued)

								POOLED	POOLED UMPIANCE ESTIMATE		SEPABRATE	S SEPARATE UARIANCE ESTINATE	STIMATE
UMBIABLE	Ź ų	ACREER OF CASES	REAM	STANDARD DEUTATION	STAMBARD ERROR	A CALLE	2-TAIL PROB.	CALLE	DESPEES OF FREEDON	F 2-TAIL PROB.	TORINE	DEGREES OF FREEDOM	2-TAIL PROB.
MGT229 1-COMTROL 2-EXPOSURE AGE:239 DAYS GROUP 1 8 46-4125 2-91	1 - COMTRO!	2 2 EYPO:	SURE AGE 1	229 DAYS 2.919	1.032				<u>:</u>	6.0		12.73	9.644
GROUP 2	ر. و	70	42.4749	4.6	1.431			<b>.</b>			1	; ; ; ;	,
UCT236 1-CONTROL 2-EXPOSURE AGE:236 GROUP 1 8 46.5125	1 -CONTROL	L 2-EXPO	SURE AGE:	236 DAYS 3.435	1.214		; ; ; ; ; ; ;	0	:	736		18. 18.	
S 9UORS	ru a	<b>&amp;</b>	42.8374	7.859	1.365	<u>.</u>			:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;
UGT243 1-COMTROL 2-EXPOSURE MCE:243 GROUP 1 8 46-4875	1-CONTROL	L 2-EXPOSUR 8	SURE AGE:	243 DAYS 2.582	618		010	0	-	9.021	2.59	11.61	6.624
GROUP 2	~ 0	60	41.9625	4.214	1.490								•
UGT256 1-COMTROL 2-EXPOSURE MGE:258	1-CONTRO	L 2-EXPO	SURE AGE:	258 DAYS 2.786	1.623		-	-	=	6		8.8	0.211
2 dnoor	∾	<b>.</b>	43.300	3.824	1.561	B 							1
UCT257 1-CONTROL 2-EXPOSUR	1-CONTROL	L 2-EXPO	SURE AGE 1257	257 BAYS 2.971	1.123		: ·		:	155	1.51	8.0	9.163
2 40025	N A	و	43.65	3.463	3 1.414	9 .:							1
UGT264 1-CONTROL 2-EXPOSUR	1-00MTRO	L 2-EXP0	SUBE AGE: 264	264 DAVS 3.232	1.222			-	<u>~</u>	920	6.	10.00	0.081
S GROUP S	Ω Q	۲	42.6857	5.153	1.948								1
WGT271 1-COMTROL 2-EMPOSURE ACE:271 GROUP 1 7 46.1860	1-CONTRO	t. 2-ExPO	SURE ACE :	271 DAVS 3.294	1.245			-	a.	90		8.6	. 196
S PUCAD	2)	2	41.7142	5.478	120.5			:	!				

Table A.1 (continued)

UAPIABLE	71	2 P	MUNBER OF CASES	TE AT	STANDARD DEUIATION	0 X	STANDARD ERROR		UPLUE	2-TAIL PROB.	3	T DI	DEGREES OF FREEDOM	2-TAIL #	# T	DEGREES OF FREEDOR	2-TAIL PROB.
UG1278	Secue :	#67278 1-COMTROL 2-EXPOSUR 12CUF : 7 45 GROUP 2 7 41	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	SURE AGE: 45.8571	18571 3.673		2.138		2.37	4.317		19.1	51	<b>6.13</b> 3		16.36	• . 13 <b>8</b>
UG1285	GROUP 1	UGT285 1-CONTROL 2-EXPOSUR GROUP 1 7 44	2-EXPO	5URE AGE: 285 44.5999 40.8285	285 DAVS 3.728 5.130	9C	1.936		1.89	6.457	***	1.57	2_	e-148	1.57	₽. 96	•
usT292	2 40085	CONTROL	2-EXP05	457292 1-CONTROL 2-EXPOSURE PGE:292 GROUP 1 7 46.4571	292 DAYS 3.217 5.188	88	1.216		<b>8</b> N	€.27		1.56	52	• I +5		10.02	9.15
ucT299	CROUP 1	CONTROL	2-EXPO:	UCT299 1-CONTROL 2-EXPOSURE AGE: 299 GROUP 1 45.6571 GROUP 2 7 41.3143	299 DAYS 3.927 5.168	58	1.484	-	1.73	€.521		1.77	2	e · 102	*****	11.20	9
uCT306	GROUP 1	UCT366 1-CONTROL 2-EXPOSURE GROUP 1 7 46:	2*ExP05U6	46.5285	306 DAVS 3.807 4.705	<b>20</b> 2	1.439	****	1.53	.68 •	****	2.13	12	. 655	2.13	11.58	. 657
UCT313	CROUP 2	LGT313 1+COMTROL Z+EXPOSURE GROUP 1 7 43.5 GROUP 2 7 39.3	2-ExPosus 7 43	5082 AGE:313 43.2857 39.3571	313 DAVS 3.561 5.387	. F8	1.346 2.036	****	2.2 <b>9</b>	<b>€</b> .327	~~~~	1.86	12	. <b>.</b> 888	# # # # # 	. 40 . 40	. 693
UCT328	CROUP 2	UCT320 1-CONTROL 2-EXPOSUR GROUP 1 7 40	2.ExPO:	SURE AGE 320 44.7000 40.2857	320 DAVS 3.780 5.741		1.429		2.31	• 333	****	1.7	J.	0.115	1.70	16.38	0.120

Table A.1 (continued)

5.78WD&PD 53 5.889 5.889 5.889 5.889 5.225 4.66 5.225 6.811 6.811 5.957 5.9							-		•	# POOLED	UARIANCE	POOLED UMPIGNUE ESTIMATE	SEPARATI	SEPARATE UARTANCE ESTIMATE	STIMATE
5.889 2.286 1 1.531 1 2.11 0.385 1 1.77 12 0.102 1 2 4.062 1 4.064 1.534 1 1.66 0.555 1 1.97 12 0.102 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CAPIAEL	Je Of	MBER CASES		STANDARD EULATION	STANDARD ERROR			PROB.	T VALUE	DECREES (		r value	DEGREES OF FREEDOM	2-141L PROB.
5.889 2.226	UGT327	1-CONTROL	2-EXP05UR		7 DAYS 4.051	1.531									1 1
134 DAVS 4 666 1.534 II. 1.66 P.555 II. 198 II. 8 1.86	o	≥ divort		. 8000	5.889	2.226	<b></b>	<u>-</u>	. 385 . 385	1.77		9	1.77	10.64	9.104 404
5.225 1.975 1.156 1.555 1.148 1.7 8.897 1.3 8.897 1.3 8.897 1.3 8.898 1.625 1.95 8.435 1.63 1.2 8.136 1.1	UCT334	1-SONTROL	Z+ExPOSURE		4.868	1.534					1				
346 DAVS 4.299 1.625 1.195 6.435 1.163 1.195 1.195 1.196 1.197 1.1	J	ROUP 2		. 7142	5.255	1.975		99	555.			6.00	 	11.34	6 6
6.011 2.272 1 1.35 0.455 1 1.60 12 0.136 135 0.435 14.00 12 0.136 135 0.405 1 1.50 0.363 1 1.60 12 0.135 1 1.50 0.365 1 1.	WC7346	1-CONTROL	2-ExPOSURE		5 DAYS 4.299	1.625									
1348 DAVS 4.027 1.522 1.2.19 6.363 1.16 1.26 1.26 1.27 1.27 1.27 1.27 1.27 1.27 1.27 1.27	G	s anost		992:	6.011	3.272		1.85	9 1			9. 1.99 1.09 1.09 1.09 1.09 1.09 1.09 1.09			ø. 13c
5.957 2.252 1 2.19 0.363 1 1.60 12 0.135 1 155 DAV5  35.867 1.915 1 1.19 0.837 1 1.26 12 0.232 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LCT348	1-CONTROL	2-EXPOSURE	E AGE : 341		1.522									
355 DAYS  5.536  2.696	J	Proup 2	7 46.	.9571	5.957	2,252		2.19	9.363		Š	9.135 1	•	10.54	<b>6.13</b>
5.536 2.090 F 1.19 0.837 E 1.26 12 0.232 E 1362 DAVS  362 DAVS  4.741 1.792 E 1.21 0.824 E 1.16 12 0.269 E 2.212 1.970 E 1.21 0.824 E 1.16 12 0.269 E 2.212 1.970 E 2.212 E 2.213 E 2.210 E 2.212 E 2.310 E 2.210 E 2.212 E 2.310 E 2.210 E 2.212 E 2.310 E 2.210 E 2.	UGT355	1-CONTROL	2-ExPOSURE	E AGE: 35!	5 DAYS 5.867	\$16.:									
1362 DAVS  4.741 1.792 8 1.21 0.824 8 1.16 12 0.269 K  5.212 1.970 F  1369 DAVS  5.428 2.052 R  6.113 2.310 R  1.27 0.780 1 0.89 12 0.390 8	· ·	5 900	7	.5857	5.530	66.5		 	4 76837	1.26	2	6.232 <del>*</del>	<b>9</b>	11.9	9.236
5.212 1.970 # 1.21 0.824 # 1.16 12 0.269 # # # # # # # # # # # # # # # # # # #	UC 362	1-CONTROL	2-EXPOSURE 7 42.		2 DAVS 4.74!	1.792									1 6
369 DAYS  2.428 2.852 x 2.730 x 2.310 x 2.310 x x x x x x x x x x x x x x x x x x x	G	5 9008		. 7886	5.212	1.970		1.21	458.00 458.00 458.00	1.16		4 . 269 4 . 4		5R · 11	<b>8</b>
1 1.27 9.780 1 0.89 1 0.390 1 0.390 1 0.390 1 0.390 1 1 0.390 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UCT369	1-CONTROC	2.5xPCSUPE		9 DAYS 5,428	2.052					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4 5			1 1
	J	ROUP 2	7	1750.	5.113	2.310	_ =	1.27	9.780	5. 6.	12	6.350 <b>1</b>	6.83	11.83	. 39 <b>9</b>

(Marie Marie Ma

Table A.1 (continued)

UMRIABLE	Ħ	₹ <sub>10</sub>	SACRER OF CASES	T T	STANDARD DEULATION	STANDARD ERROR	 WELK.	F 2-TAIL	<b>5</b>	d Jaran	DECREES OF FREEDOM	2-TAIL #	· MALUE	DECREES OF	2-TAIL PROB.
UCT 37	400	CONTROL	2.EXP	UGT376 1-CONTROL 2-EXPOSURE MEE 1376 DAYS GROUP 1 7 44.1428 5.365	176 DAYS 5.365	2.028	 1			:	; ; ; ; ; ; ;			• • • • • • • • • • • • • • • • • • •	; ; ;
	GROUP 2	~	~	40.542	6.225	2.323	 <u>د</u> -	٠, ١٥٠	~ * <b>~ </b>	<u> </u>	2	892		11.74	•. 269
UC130	CBOG.	-coertrol	2.EXP	UGT391 1-CONTROL 2-EMPOSUME ACE 1391 DAYS GROUP 1 7-44.5285 5.469	191 DAYS	2.045				:	; ; ; ; ; ; ;			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1
	CROLP 2	~	^	41.4714	829.5	2.127	 <b>B</b>	8	-	<b>.</b>	Š	. 361		98	• 321
LCT39	GROUP	CONTROL 1	Z-EXP	UGT397 I-CONTROL 2-EXPOSURE AGE:397 DAYS GROUP 1 7 44.1428 5.343	97 DAYS 5.343	2.019			-					;	1 1 1 1 1 1
	GROUP 2	2	۲	40.7428	6.45	2.438	 <b>.</b>	1.40 · • · • · · · · · · · · · · · · · · ·		<u>.</u>	2	**************************************	1.67	11.60	<b>9</b>
UCT 40	CROUP	CONTROL	2.Exp	uc1484 1-CONTROL 2-EXPOSURE AGE: 484 DAYS CROUP 1 7 44.4571 4.721	04 DAYS 4.721	1.784			***					; ; ; ; ; ; ; ; ;	:
	S PUORS	~	٠	40.6428	6.483	2.450			-	<b>6</b>	2	.232	<b>1</b> .26	10.97	0.234
6141	cko.	CONTROL	2.EXP	MET411 1-CONTROL 2-EXPOSURE AGE:411 DAYS GROUP 1 7 44.9857 5.344	11 DAVS 5.344	2.82				,				1	1 1
	GROUP 2	N	^	46.9285	6.738	2.547	 3	25 : See . S		Ç.	2	. 236	S	11.41	<b>6</b> .238

Table A.1 (continued)

UMP. HBLE		NUMBER		STANDARE	STANDARD	<u>.</u>	2-TAIL	# POOLED	POOLED VARIANCE ESTIMATE T DEGREES OF 2-TAIL		E SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE 2-TAIL
	-	OF CASES	4034	DEUIA-10N	ERROR	# UALUE	PROB.	# JALUE	FREEDOM	P.009.	r value	FREEDOM	PP08.
814133	CROUP 1	POL 2-EX	467418 1.00NTROL 2-EXPOSURE AGE:418 DAVS 45.6428 5.15	418 DAVS 5.196	1.964				2	6		:	6
	S ROOM	r.	41.3714	7.879	2.676		•	89:- 	ñ	<b>1</b>			£.563
X 123	1.CONTI	PCL Z-EXI	451425 1-CONTROL 2-EXPOSURE AGE:425	425 DAVS	6.187		1		1			;	
	is dividing	Γ	48.742R	7,257	5.743	) C. I	9 8 9	2	<u>u</u>		ξ. 	,	¥ .
UGT432	1.CONTI	PCL Z.EXI	UGT432 1.CONTRCL 2.EXPOSURE AGE:432 GPCUP 1 7 46.5714	432 DAYS 5.628	2.127		:						9
	GROUP 2	r	41.8428	6.613	2.499	R	E		<u>u</u>	6.1.	-	-	
12,439	451439 : CCNTROL 2 EXPOSURE GPOUP : 7 46.	POL 2 EXI	POSURE ACE: 439	439 DAVS 4.967	1.877		!					37	3
	GROUP 2	~	41.8714	6.162	2.329	1.54	<b>6.6</b> 1	) 	บ				
95. 3.	BAU204x3-5 JERTPOS-1	12.5. JCR	PCSURE AGE:446	446 DAYS 4.494	1.835		!		:			9	96
	S 99085	۲	41.8571	6.058	8.23		9.569	T. 31	<b>:</b>	910		90	
WG7453	UGT453 1-COMTROL 2-EXPOSURE GROUP 1 6 46.	F3-2-104	POSURE AGE: 453	453 DAVS	2.165		:				9	9	\$2.2 •
	2 40005	٠	42.0286	950.9	≥ . 289	y  			<del>.</del>				
067459	UGT459 1-CUNTROL 2-(APC508E 2401F 1 6 45		PCSUME HGE: 468	504 C	3.625		!	1 1 1 2 1 6 1	 	000	3	9,	36
	S 91085	7	1-5- 1	5.655	5 1 36		ر المر المر	, . , .	-	0	} ;	,	; ; ;

Table A.1 (continued)

UMRIMBLE		MURBER OF CASES	ER SES	7. F.	STA DEUI	STANDARD DECIATION	STAMBARD EPROR	T CALUE	2-TAIL PROB.	43 44	VALUE	F 2-TAIL S T DEGREES OF 2-TAIL S VALUE PROB. S VALUE FREEDOM PROB. S	2-TAIL E	VALUE	DEGREES OF 2-TAIL FPEEDOM PROB.	2-TAIL PROB.
GT467 1-	CONT.	3 70%	EXPOSITE A	94E AGE: 15.8833	:467 [	AGE:467 DAYS 8833 5.131 2142 6.468	2.995	1.55	1.59 0.628		1.42	1.42 11		1.45	10.96	6.175
7,7193	UGT4"4 1-CONTROL 2-EXPOSURE GROUP 1 6 45.	1041	2 EXPOS	S. 9667	444	MCE:474 DAYS MC67 4.533 7714 6.057	1.851		1.79 0.541		2.43	1.43	. 182 182 183	1 . 46	1.9.05	9.172
67483	UCT481 1-CONTROL 2-EXPOSURE AGE:481 Davs CROUP 1 6 4.5060 5.057 CROUP 2 7 40.4571 6.385	1021	150ex	JRE ACE 14.5000 10.4571	1.04:	5.057 5.057 6.386	2.414		1.60 0.625	****	χ.	1.83	. 238 8. 238 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8	1.27	16.95	<b>6</b> .229
EC1.28	UCT488 1: CONTROL 2: EXPOSURE GROUP 1 6 45:	1001	2-EXP051	41.0571		ACE: 488 DAYS 7000 5.449 8571 6.109	2.224	 			<b>:</b> :	1.43 11	6.179	1.45	# 0.179 # 1.45 10.57 #	Š

Table A.l (continued)

								-	POOLED	POOLED UMPLANCE ESTIMATE	STIMATE 1	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
37841660	ر د. د.	ر الا	NUMBER OF CASES		STANDARD DEUIATION	STAMDARD ERROR	# UPLUE	2-TA11	VALUE	DEGREES OF FREEDOM	2-TAIL	VALUE	DEGREES OF FREEDOM	2-TAIL PP0B.
PIC* 49	35 1 C	CONTRCL	2.E3.F 6	LCT495 1 CONTROL 2-EXPOSUBE AGE:4	:495 DAYS 5.374	2.194		!						
	S 40049	tı:	1-	40.757;	6.531	2.5			<del>-</del>	:	9	÷	R	₹` - •
E01502	24 2 24 24 10 440	2047PC	9	E 1.00MTROL 2.EXPOSURE AGE:S	:502 DAYS	1.950		:						
	GROJO 2	61	r	37.:236	5.039	1.905	1.1		·	- -		Σ • ·	90.	
46.13.	92.03		1 1 1 1 1 1 1	S. S. CUMTROL 2-EXPUSURE HUE:S	:Ses Davs	2.253		;						1 9
	S anoas	٥.	^	48.4857	6.323	2.390			•		36.136	96.	A .	
<b>CCTS1</b>	91 of 085	00MTP01	8.E.A.D	######################################	:516 Davs 5.096	2.081		!					. 0	
	GROUP 2	۵.	up	38.6333	5.754	2.349	) 	Ž	• ·	<u>.</u>			6 C . T	0
LGT52	3400F	CONTRCL	A-CXP	LGTS23 1-CONTPOL 2-EXPOSURE AGE:5	:523 DAYS 5.281	2.:56		4						
	SRCUP 2	O.	t.	40.1857	6.537	2.471	1.53	3 <b>9</b> .656 <b>2</b>	-	Ξ	λ 2 3	٠. د	6. 9.	161.0
LCT53	Sacup 1	CONTROL	2•€×¤	LCT530 1-CONTROL 2-EXPOSURE AGE:5	:530 DAYS	261.5		!				! !		•
	S 400E	٥,	~	40.1857	6.028	2.275	() 		<del>-</del>	=		<b>y</b>		
EG153	LGTS37 1-CONTROL CROUP 1	CONTROL	2 • E xP	7 1-COMTROL 2-EXPCSURE RGE:537 DAYS GROUP 1 6 41.8667 4.646	37 DAYS 4.646	_58.1		1				; ; ; ; ;		
	2 anoas		1~	40.5571	5. 13.	89:12			•	Ξ.	9 -	1.50	96.0	

Table A.1 (continued)

										P004	ונס הי	PRIANCE ES	TIMATE &	SEPARATE	POOLED VARIANCE ESTIMATE & SEPARATE VARIANCE ESTIMATE	STIMATE
JAPIEOU	316	₹ <sub>y</sub>	NUMBER OF CASES	Φ Β	51 DE U	STANDARD DEULATION	STANDARD ERROR	T CALE	F 2-TAIL	* ** **	והנ פו	T DEGREES OF 2-TAIL # T AALUE	2-TAIL #	1	DEGREES OF FREEDOM	2-TAIL PRCB.
#67544	CROUP 2	.CONTROL	6 EXP	UGTS44 :-CONTROL 2-EXPOSURE AGE:544 DAYS CRCUP : 6 44.2166 4.57 GROUP 2 7 40.2285 5.84	15.4	0645 4.579 5.841	1.870		63 0.610		5.3	:		1.38	19.94	ē.195
<b>VG</b> 7553	GROUP 1	CONTROL	2 - Exp	UGTSS1 1-CONTPOL 2-EXPCSURE AGE: SS1 DAYS GROUP 1 6 44.6333 4.479 GROUP 2 7 40.9143 5.895	:551	DAYS 4.479 5.895	1.828		1.73 0.563		1.26	11	6.533	1.29	88.	6.223
<b>LCT</b> 551	GROUP 2	-CONTROL 1	A PER	GROUP 2 7 44.3285 6.16	855:	DAYS 4.961 6.189	1.658		e.32 <b>6</b> .373		1.53	=	9.155 #	& S.	Ø	0.146
UCTS6!	GROUP 1		1 01 W C	UCTS65 1.00MTRCL 2.EXPOSURE AGE:565 DAYS GROUP 1 6 45.650 GROUP 2 7 39.5714 6.45	\$	DAYS 4.269 6.427	1.743		2.27 0.387		1.72	=	 6	 80 5	9.4.5	6.897

Table A.1 (continued)

						•			-			
iDN 3784}8⊌r	94 949 30 30 30 30 30 30 30 30 30 30 30 30 30	Z	STANDARL DEULATION	STANDORD ERROR	I CALLE	F 2-TAIL #	שטובני	DECREES OF 2-TAIL FREEDOM PROB.	PRCS.	367ea	#003863 FREEDOW	2-TA:11 FFCB.
MC1572 1+00MTROL 2-EXPOSURE	2 × E × POS', RE	AGE:	AGE:572 DAYS	1.816		y e	8	=	869	1.88	હ: . લ	3 3
ج مير هو.	38.1	.1286	7.238	ê.736			1 1	1	1			1
9.09479-2 10947801 2-67905URE	2-EYPUSURE 6 43.	. AGE 15	46E1579 DAVS	1.494	(3 (2 (2)	## ## T	1 J	<u>ر</u> ي . •	8	13 ***	÷	
S 91.082	33	33.3888	€.434	3.626			1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		;
LC1576 1-COMTROL 2-EXPASSURE AGE:586 DAVS GROJP : 6 43.6666 4.192	2+ExP05URI 6	E 43£15	86 DAVS	1.7:1	1	# 95° 0	1.16	<u>.</u>	6.273	# # 1.16	9.51	4. Ci.
5 9CMC	9	39.9833	6.548	2.673			1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	
#61593 1.09MT#00 2.EXP09UPE	9-5-04x3-5	E 966:593 D	3.567	1.456		1 750 0		•	3.174	# 1.46	8.67	2.181
10 a 70 a 5	ģ.	.7666	6.885	€. 484			1	1 1 2 4 1 1	1			1
451699 1+CCMTRCL 2+EXPOSURE	2-ExP05UR	1.8588	596 DAYS	1.455		75.5		<u>-</u>	6.134	1 1.62	8.13	6.148
2 01100	39.	.2666	6.812	2.454	; ;		. س			<b>.</b>		

7.

Table A.2 Body masses for E3-2 female mice.

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									33100d E	POOLED LARIANCE ESTIMATE	STIMATE	SEPABATE	SEPAPATE VARIAMCE ESTIMATE	STIMATE
UARTABLE	BLE	¥ yo	NUMBER OF CASES	76.82	STANDARD DEUIATION	STANDARD ERROR	# YAUE	PROB.	a value	DECREES OF	2-TAIL PROS.	1	DEGREES OF FREEDOM	2-TAIL PROB.
UCT18	CROUP	*CONTROL	2.EXPO	SURE AGE:	UCT18 1-CONTROL 2-EXPOSURE ACE:10 DAYS CROLEP 1: 1-CONTROL 2-15:	6 • 9		45		Ť	6.7 6.7	9	0	543
	GROUP 2	۵.	12	8.1500	1.706	Ð. 49€				;				
UGT11	duo42	LETI 1-CONTROL 2-EXPOSURE GROUP 1 11 7.5	2.ExP0	SURE AGE: 11	11 DAYS 1.996	9.642		460	7	ົ້	6.241	1.19	17.50	€. 251
	GROUP 2	٥	21	8.8167	1.366	6.394	• • •			i				
WCT12	CROUP	UCTIE 1.COMTROL 2-EXPOSURE GROUP 1 11 8.0	2-EXP0:	SURE AGE 12	12 DAVS	8.5.0			, ,	ň	64 60 6		. 63 . 63	. 295
	GROUP 2	<b>~</b>	15	9.3417	1.441	9.416				;				
WGT13	CROUP	1-CONTROL 2-EXPOSURE GROUP 1 11 31	2-EXPOSURE	SURE AGE:	9.1364 1.718	0.518		!	99 68 6			<b>6</b>	95.68	• 175
	SROUP 2	<b>∩</b> r	12	10.0667	1.430	0.413		. 555		,		:		
#6714 GR	SROUP I	14 1.COMTROL 2-EXPOSURE GROUP 1 11 9.0	2-EXPO	SURE AGE 1 9. 9636	AGE114 DAYS 9636 1.673	***	***	:			240	9	96.94	
	GROUP 2	~	12	9.6917	1.469	424.6	R 			ÿ				
<b>46717</b>	GROCIP	UGT17 1-COMTROL 2-EXPOSURE GROUP 1 9 11.	2.EXP0	SURE AGE:17	17 DAYS 1.253	•. • 18					71.		17.59	8.836
	S MUCHOS	~	12	11 6833	1.280	69E .	-			:				1
06718	anous Section	UGT18 1-CONTROL 2-EXPOCUTE	2453+E	801 450 3405	18 CAYS	÷		1	to 40	; ; ; ; ; ; ;	•	50	9.04	. 255
	S POOR	ດນ	2.5	685c";.	1.369	a. 395	8	N N N T	70 · 7 · · ·	) 	• •			

7 %	9 %	F 15	\$ 35 mg 2	\$11 4 <b>1</b> \$27	104 State 5			1.7 30.90		ن ارس ارس	3 C S 3 3 C 3	<ul><li>(で) (で) (で) (で) (で) (で) (で) (で) (で) (で)</li></ul>	30786	SEBOURD	P - 4 - 7 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9
::  } 	283	9.49.6 TORK #0011	1 (1) 24 13.2 6.1 (4)		50		· · · · · · · · · · · · · · · · · · ·			-	<b></b>	0.153		9. 7. 12.	6.155
	S RIONS		21	12.8667	· · · · · · · · · · · · · · · · · · ·	5 P			<b>56</b> 17				,		
67.0	20000	ו משבשטר	2.6xP0	MGT20 1+COMTPOL 2+EXPOSURE AGE:20 GPOUP 1 10	20 pays	9.368		0	4 M M	4	<b>.</b>	6	1.64	65.61	9.116
	CACUP 2	ry.	21	12.5483	1.22:1	0.352								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	) 
W6721	ancas ••	10 <b>4.</b> 433	2-EXB0	#6721 1-C6M*BOL Z-EXPOSURE 64E:31 DAYS	21 DAVS	0.425	-	9 80		45 T-		6.235	1 5.5.9	18.22	6.242
	5 <b>9</b> 00 <b>0</b> 0	~ · ·	21	12.9500	1.187	⊕. 343			144					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
1672	5	CONTROL	2-ExP06	5URE AGE:	#4124 1-034180L 2-ExPOSURE AGE:24 DAVS 139 CROUP 1 10 10	6.455		, 32 8 248		00 00 1	ď	986	4 # #	. 62	. 393
	2 dhogs	٨	5)	: 4.3667	1.35	5.8								, , , , , , , , , , , , , , , , , , ,	1
<b>K 13</b>	UCTZS	108.1400	2-ExP05	SURE AGE:	S : CONTROL 2-EXPOSURE AGE:25 DAYS GROUP : 18 14.0300 1.420	0.44.0		970		\$ <b>6</b>	•	985	-1.96	19.67	6.363
	<b>3708</b> 5	~	ć)	14.6917	1.511	0.436									:
£773	2007	CONTROL	2-EXP05	MGTES 1.COMTROL 2-EXPOSURE AGE: 26 DAYS	26 DAVS	6.429				α •	e n	546.	66.9-	19.92	0.336
	6 O 10	CROJP 2 12	51	15.8500	1.544	9.446								1	1
1						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1							

Table A.2 (continued)

								T POCLED	POCLED WARIANCE ESTIMATE	ST. MATE	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UMPIMBLE		PERC 40	AE AN	STANDARD	STANDORD ERPOR	# F	2-TAIL F PROB.	H PALUE	DEGREES OF	2-TAIL PROB.	T CALUE	DEGREES OF FREEDOM	2-TAIL PROB.
WGT27	MGT27 1+COMTROL :	ن ايم	15.0RE AGE:27 DAYS	27 DAVS 1.571	6.497		444	***	•	6.67	1.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7	18.54	892.68
	S quors	::	16.2727	2.639	0.615				•				
UC728	UCT28 1+CCMTRCL 2+EXP	1 2 - E Xº	16.26 <b>00</b>	28 DAVS	0.559		4	M M 4	ō	7	88.	98.60	. 4
	GROUP 2	::	16.9545	983	8.598	<u>.</u>							
UCT31	MCT31 1-COMTROL 2-EXPOSURE AGE:3: GROUP 1 9 17.822	- 2 EXP	0534E AGE:	3: D4v5 1.169	<b>8</b> .38			3	Q.	87.	4.	16.61	9.306
	GROUP 2	.:	+S-18-81	1.972	£.595								
SET32	46732 1+CONTROL 2+EXPOSUS_ CROUP 1 9 17.6	1. 2.Exp	17.6555 17.6555	32 EAYS 1.237	6.418		:		9	b0< <b>€</b>	7	16.83	6.277
	CROUP 2	11	18.4818	2.033	€.61	, , ,							
<b>16</b> T33	UGT33 1-CONTROL 2-EXPOSURE 6GE 133 DAVS	L 2-EXF	17.3282	33 DAVS	0.393		!	A #	•	426	<b>3</b>	17.28	9.305
	S quodo	::	18.6364	1.815	6.549	ξ 	. c. c. de		0				
203	UG134 1+CONTROL 2+EXPC-URE AGE:34 GROUP 1 3 18:6444	1 2-Ex	SCHURE AGE:	34 DAYS	166 4	<b>m</b> •• .			=	•	-1.62	75.73	9.322
	S MORO	:	19 3182	1.765	n.			•	•				•
SCT 35	MCTUS :- CONTROL BEENE	<b>東</b>	57:306 3a-344	15 [MVS	<b>X</b>				٠	α -	98.9	વ (). 1	 •
	BOUF 2	<del>.</del>	1.	1.263	3,								

Table A.2 (continued)

WGT38         1. CONTROL         C. TYPOSURE         ACCURATE OR	UMETABLE	3,6	£ 90	MUNDER OF CASES	74 YE	STANDARD	STANDARD ERROR	5	relue P	PROB.	A JACUE	DECREES OF FREEDOM	OF 2-TAIL		יישנחב	DECARES OF FREEDOM	PROB.
### ### ### ### ### ### ### ### ### ##	UCT38	C. C. C.	CONTROL	504X3-5	URE ACE 1	38 CAYS	4.357	~ * *		940	7		9.10	***	8	17,31	45.5
### ### ### ### ### ### ### ### ### ##		2800			58.4985	1.633	6.495							**			
### ### ### ### ### ### ### ### ### ##	<b>4</b> C138	CROUP.	COMPROL	504X3-2	19,6222	ž.	6.193		•				07.5		0	48.41	251
#GE:40 DAYS 7555 0.865 1 2.15 0.291 1 -1.16 18 0.263 1		Coor	2	=	28.1182	1.220	.36.										
AGE: 41 DAVS  AGE: 41 DAVS  7778  9636  1.192  9.267  9636  9.261  8273  1.092  9.367  9.27  9.2	06746	GROUP.	CONTROL 1	2-ExP05	19.7555	1 2	0.268	~ = .	!	Ğ			4 C		,	17.53	740
AGE: 41 DAYS 778 9636 : 192		anoas			28.2999	1.179	9.356								2	) •	
9636 :.192	1413	anoas	CONTROL	2-ExP05	URE AGE:	1	0.180		!	×		•	623		4	15.4	954
SGE 12 DAVS       SGE 13 DAVS       SGE 14 DAVS       SGE 15 DAVS		ances.	2		24.3636	: .192	<b>6</b> .359				; •				<b>;</b>		
8273 1.692 6.329 K 1.76 6.117 K -6.16 18 6.875 K 1.76 6.436 K 1.76 6.436 K 1.17 K -6.16 18 6.875 K 1.186 K 1.1	51142	ano 5	COMTROL	2-ExPCS	L.7E AGE:	<u> </u>	0.201		:	3		:	<b>6</b> 6 3		9 4	16.07	\$
5333 6.541 6.180 E 3.16 6.117 E -6.16 18 6.875 E 5599 6.541 6.290 E 2.500 E 2.		<b>3</b> 000			20.8273	1.092	9.329	, 									1 1
CROUP 2 11 20.5009 6.961 0.296 x 118 x 1 1 2 20.8222 0.857 0.286 x 1.76 0.436 x -0.39 18 0.703 x 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	107.45	2000	CONTROL	2-EXP05	URE RGE:	45 bays 0.541	0.180		!			! !	A 875		£ .	16.21	98.8
CROUP 1 S 20.8222 0.857 0.286 x 1.76 0.436 x -0.39 18 0.703 x CROUP 2 1: 21.0000 1.136 0.343 x x x x		<b>3</b> 00 <b>5</b>	2	<b></b>		196.	•. 29							<b>×</b> •			
21.0000 1.136 0.343 x 1.17 0.170 3.17 3.17 3.17 3.17 3.17 3.17 3.17 3.17	JCT 46					6.857	982.0	**	!	9	9	:	6.00		•	17.91	.695
		CROUP			21.0000	1.136	0.343			R	· · · ·						

Table A.2 (continued)

		•			-	**		8.453 I	1.503	21.7454	=	080V8 ~	
• . 94	:>.5•	-0.07	<b>9</b> .951	ä	-6. 6.	3.77 <b>0</b> .872 1	3.77	# 852.0	5 DAYS	1-CONTROL 2-EXPOSURE ACE:55 DAYS GROUP 1 9 21.7111 0.	6 5-EXE	GROUP 1	WGTSS
								0.498	 RS9.1	21.5545	=	CROUP 2	1 1 4 1
0.495	16.31	-0.70	•. SS2	<b>~</b>	-0.65	•. •. •. •. •. •. •. •. •. •. •. •. •. •	5.14	<b>⊕.</b> ₽ <b>4</b> ₩	4 DAYS 4.728	1-CONTROL 2-EXPOSURE AGE:54 DAYS	ROL 2.EXPI	GROUP 1	UCT54
		1		6 6 7 8 1 1				0.520 ±	1.724	21.7000	=======================================	CROUP 2	
0.873	16.28	1.16	ð. <b>8</b> 79	, <u>.</u>	- <b>0</b> .15	<b>9</b> . 123 1	₩ •	0.327 I	3 DAYS 0.988	1.COMTROL 2.EXPOSURE AGE:53 DAYS GROUP 1 9 21.5800 0.980	IROL S-EXP	GROUP 1	<b>U</b> GT53
				1 1 2 3 1 3 4 6 7			• • • • •	9. 425 8	1.411	21.3454	11	GROUP 2	
0.370	17.52	- • 9₹	• . 3 <b>13</b>	<b>=</b>	- - - - - - - - - - - -	•. 29	2.15	٠. يح	2 DAYS 0.962	1-CONTROL 2-EXPOSURE ACE:52 DAYS	HOL S-EXP	1-CONT GROUP 1	UG752
		1		 				0.349	1.156	21.3000	11	CBOOP 2	
0.315	17.99		<b>●.</b> 325 .	<u></u>	- - -	<b>9.612</b>	1.45	0.32 <b>0</b> 1	9 DAYS 0.961	1.CONTROL 2.EXPOSURE AGE:49 DAYS GROUP 1 9 21.7889 0.1	6 34X3-2 108.	1-CONT	UGT 49
:				(			! ! ! !	9.375	1.245	21.3636	11	S d'IOdo	
• . 600	14.38	25.0-	1.631	<b>5</b>	÷.	<b>9. 93</b>	9. I	0.185 x	8 DAYS 9.555	GROUP 1 9 21.1444 9.	BOL 5-EXPC	GROUP 1	VCT48
	1			! ! !				e.278 1	0.922	20.8545	11	CROUP 2	
0.261	17.71	-1.16	1.277	<b>=</b>	-1.12	0.342 1	1.99	812.9	7 DAYS 0.654	1-CONTROL 2-EXPOSURE AGE:47 DAYS GROUP 1 9 20.4444 0.654	5 TOB.	GROUP 1	UGT47
2200.	DEGREES OF FREEDOM	301en	PROB. 1	DEGREES OF 2-TAIL I	VALUE	2-TAIL PROB. 1	ONLUE.	STANDARD H	STANDARD	TIE AN	NUMBER OF CASES		UMRIABLE
STIMATE	POOLED VARIANCE ESTIMATE & SEPARATE JARIANCE ESTIMATE	SEFARATE	STIMATE L	UARIANCE E	POOLED (	• -		•					

Table A.2 (continued)

	9.492 # - 4.12 9.492 # - 4.12 9.525 # - 6.78	9.492 # -0.72
چ <u>چ</u>	DEGRETS OF 2-TAIL 1 TERRESON AND THE PROBLEM OF ASS SEC. 28  18 0.492 E -0.72  18 0.458 E -0.78  18 0.525 E -0.67	DEGRETS OF 2-TA:L 1 VALUE TERREDOM PROB. 1 VALUE 1 18 0.492 4 -0.72 18 0.492 4 -0.72 18 0.498 4 -0.78
	## - ## - ## - ## - ## - ## - ## - ##	9.492 # -0.72

Table A.2 (continued)

										# POOLED	POOLED UARTANCE ESTIMATE	STEMATE 1	SEPARATE	SEPARATE UARIANCE ESTINATE	STIMATE
UARTABLE	318	£ 6	MUMBER OF CASES	HE AN	STANDARD DEULATION		STANDARD ERROR	# F F VALUE	Z-TAIL PROB.	# CATUE	DECREES OF FREEDOM	2-TAIL PROS.	- 4.4£.0€	DECREES OF	PROB.
<b>BCT58</b>	20083	CONTROL	HGTSB 1-CONTROL 2-EXPOSU	19E AGE:(	RE AGE: 68 DAYS	2	<b>6</b> 0.		98	4	G.	7	7	17.4	3
	CROUP 2	5	2 11	14.4454	2.139	ጽ	0.645			;					
NC769		-CONTROL	46769 1-COMTROL 2-EXPOSURE MCE:69 DAVS CROLP 1 - 23.4286 1.4	ME RGE:(	69 DAYS 1.476	92	6.558		33,	4	7	8 C Y	55.6-	14.46	6.593
	2 90082			9.980e	2.658	85	0.845								
6173	CROCK 1	CONTROL	1-CONTROL 2-EXPOSURE AGE: 78 GROUP 1 9 23.9333	RE ACE:	78 DAVS 1.593	8	. S3.			4	<u>*</u>	364	**	55.91	.341
	CROSS 2	چ 11	N	4.8969	2.718	<b>*</b>	• . 82•								
5273	100	COMTROL 1	1+CONTROL 2+EXPOSURE AGE:73 DAYS GROUP 1 8 24.4588 1.6	ME AGE:	73 DAVS 1.828	82	0.646			-	ű	289	7	15.74	. 63
	CROUP 2		10 2	4.9100	2.643	C.	●.836	•		;	9		-		1
<b>EC174</b>	174 1.0	CONTROL	1.CONTROL 2-EXPOSU	SURE AGE: 74	74 DAYS 2.039	39	122.0	***			ž	9	35.6-	15.87	.586
	CROUP 2	5 11	ea •	4.89	2.839	8	. 208	7			2				
WCT75	MCT75 SROUP	CONTROL	1-CONTROL 2-EXPOSURE AGE:75 GROUP 1 8 24.1375	ME AGE 1	75 DAVS 2.874	174	R 733		300	4	ي	.593	-6.57	15.87	€.578
	GROUP 2		2		2.886	9	•					~ •	 		
CC788	2005	CONTROL	1.COMTROL 2.EXPOSURE AGE:89 DAYS GROUP 1 8 26.6125 2.8	JPE ACE 21	89 DAVS	2	1.623			95	<u>.</u>	582	95.0-	15.9	. 514
	STOLE 2	91	54	1.5200	3.984	<b>*</b>	1.260				1	-			

Table A.2 (continued)

UGT96 1-COMTROL 2-EXPOSURE AGE:96 GROUP 2 10 28:1000  UGT:03 1-COMTROL 2-EXPOSURE AGE:103 GROUP 1 7 29:4286  UGTIT 1-COMTROL 2-EXPOSURE AGE:110 GROUP 1 7 29:4286  UGTIT 1-COMTROL 2-EXPOSURE AGE:117 GROUP 2 9 30:2555  UGT:24 1-COMTROL 2-EXPOSURE AGE:124 GROUP 2 9 31:7111  UGT:31 1-COMTROL 2-EXPOSURE AGE:131 GROUP 2 9 31:7111  UGT:31 1-COMTROL 2-EXPOSURE AGE:131 GROUP 2 9 31:7111  UGT:33 1-COMTROL 2-EXPOSURE AGE:131 GROUP 2 9 31:7111  UGT:34 1-COMTROL 2-EXPOSURE AGE:131 GROUP 2 9 31:7111  GROUP 2 9 31:7111  GROUP 2 9 31:7111  GROUP 2 9 33:8111		DEUTATION	ERROR	E CALLE	G P108.	a val	FREEDOM	# .800g	PALUE	FREEDOM	PROS.
UCT138 1-CONTROL 2-EXPOSURE LOCATION 1 - CONTROL 2-EXPOSURE LOCATION 1 - CONTROL 2-EXPOSURE LOCATION 1 - CONTROL 2-EXPOSURE LOCATION 2 - EXPOSURE LOCATION 1 - CONTROL 2-EXPOSURE LOCATION 1 -		96 DAYS	1.451		90	9	4	# # #	. B. 6.1	16.91	6.553
UCTION 1 - CONTROL 2 - EXPOSURE AGE 183 GROUP 1 7 - EXPOSURE AGE 110 GROUP 1 7 - EXPOSURE AGE 110 GROUP 2 9 - EXPOSURE AGE 117 GROUP 1 7 - EXPOSURE AGE 117 GROUP 1 7 - EXPOSURE AGE 117 GROUP 2 9 30 - ESS UCTIO 1 - CONTROL 2 - EXPOSURE AGE 124 GROUP 2 9 31 - 7111	88.1998	4.829	1.527					•••			1 1
UGTITE 1-COMTROL 2-EXPOSURE CROUP 1 7 E9-4 29-4 CROUP 2 9 30-2 9 30-2 CROUP 1 7 COMTROL 2-EXPOSURE 6 33-6 CROUP 2 9 31.7 CROUP 2 9 31.7 CROUP 1 6 35-31 CROUP	URE ACE:18	13 DAVS 4.072	1.539		68 4	4	•	# # CSS	99	52.5	S
UGTI10 1-C3-T9CL 2-EXPOSURE 28.4  GROUP 2 9 30.2  GROUP 1 -COMTROL 2-EXPOSURE 33.6  GROUP 2 9 30.6  GROUP 2 9 30.6  GROUP 2 9 31.7	28.1555	3.778	1.260					₩ ₩			
UGT117 1-COMTROL 2-ENFOSURE GROUP 1 7 31.09 GROUP 2 9 30.61 GROUP 2 9 30.61 GROUP 2 9 31.7 UGT131 1-COMTROL 2-EXPOSURE GROUP 1 6 35.31 GROUP 2 9 31.7 UGT132 1-COMTROL 2-EXPOSURE GROUP 2 9 33.8	JRE ACE:110	• DAYS • S38	1.866		. 24 & 467	9	-	1 1 1 1 1	- TE	€6.01	6.72
UGT117 :-COMTROL 2-EXPOSURE 131.6 GROUP 2 9 30-6 GROUP 1 6 33.6 GROUP 2 9 31.7	39.255€	3.74	1.247				•		•		
GROUP 2 9 30.66  UGT: 24 1-CONTROL 2-EXPOSURE 6 33.61  GROUP 1 6 33.61  GROUP 1 6 35.31  GROUP 2 9 33.8	JRE ACE:11	7 DAYS 5.614	2.122		007		-	# *CB.G		12.	9.874
UGT: 24 1-CONTPOL 2-EXPOSURE 680.0F 2 9 31.7.  GROUP 2 9 31.7.  GROUP 2 9 31.7.  GROUP 2 9 33.8.  GROUP 2 9 33.8.	30.6222	4.891	1.630	:							
GROUP 2 9 31.72  UCT131 1-CONTROL 2-EXPOSURE 9 35.31  GROUP 1 6 35.31  UGT136 1-CONTROL 2-EXPOSURE 9 36.41	JRE AGE:124	4 DAVS 1.787	6.729			8	Ţ	707	1.24	11.50	0.240
UCT131 1-CONTROL 2-EXPOSURE 95-31 GROUP 1 6 35-31 GROUP 2 9 33-81 GROUP 2 6-EXPOSURE 1-CONTROL 2-EXPOSURE 6-OUP 1-CONTROL 2-EXPOSURE 1-	31.7111	4.258	1.419	8		-					
GROUP 2 9 33.8'	JAE AGE:13	1 DAYS 1.297	6.529	8	•	9	-	1 10	1.03	10.03	0.328
MGT138 1-CONTROL 2-EXPOSURE (	33.8111	4.299	1.433			}		<b>**</b> **	1	1	•
	JPE AGE: 138 36.4667	8 DAYS 6.957	196.	y -	•	6	-	. 242	.48	9.61	0.170
GROUP 2 9 34.64	34.6000	3.603	1.8			} :		** **			1

Table A.2 (continued)

									-	POOLED	POOLED UARTANCE ESTINATE	STIMATE #	SEPARATE	SEPARATE UARIANCE ESTINATE	STIMMTE
145	UMRIABLE	36	OF CASES PE	HC BN	STANDARD DEVIATION	9 4 10 4 10 4	STANDARD REAS	# NATUE	2-TAIL PROB.	ACUE	DECREES OF FREEDON	2-TAIL PROB.	Unite	DEGREES OF FREEDOM	PROB.
5	45 Labour	MGT145 1-CONTROL 2-EXPOSURE GROUP 1 6 37.4	2-ExP0		ACE:145 DAYS	A48	9.835	# # # 2.21	9.388	1.39	:1	<b>6.188</b>	1.51	12.98	9.156
	2 505	~	•	35.022	Ċ,	3.036	1.012	•							
6673	Se Labour	UGT152 1-CONTROL 2-EXPOSURE GROUP 1 6 38-1	Z-EXPO	SUPE ACE:	ACE: 152 DAYS	AVS 2.074			378	95		215		12.99	9.188
	S POUR	~	•	36.2111	ų	3.134	1.045				}				1
Ę	59 1 CROUF	MCT159 1.CONTROL 2.EXPOSURE GROUF 1 6 39.0	2.ExP0	SURE ACE: 39.0167	ACE:159 DAYS	AYS 2.214	. 98		620	9	<u>-</u>	265	8	12.99	4.353
	GROUP 2	2	Ø.	37.6333	ę	3.380	1.117				•				
100	GROUP	LCT166 1-CONTROL 2-EXPOSURE GROUP 1 6 40.5	2-EXP0	SURE ACE: 166 DAYS 40.5667 2.74	166 DAY	AVS 2.741	1.119		•	-	£ 1	174	1.55	12.92	6.145
	S PUDORS	nu n	თ	37.6999	m.	3.926	1.369								•
159	73 1 GROUP	MCT173 1-CONTROL 2-EXPOSURE GROUP 1 6 41.8	2.ExP0	SURE AGE:173	173 DAV	DAYS 2.486	●.982	**	8		61	. 695	1.95	12.98	6.413
	S PUND	nu .	ø	38.7889	ë.	3.599	1.200							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;
3	Se CROUP	UCT180 1-CONTROL 2-EXPOSURE CROUP 1 6 42-9	2.EXP0	5URE AGE 188 42.9833		AVS 2.238	9.914		•	1.54	[	60	1.69	12.97	<b>6</b> .114
	S TOURS	~	•	40.4111	ë	3.635	1.212							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
153	1 Canal	METIE? 1.CONTROL 2-EXPOSURE CROSSE 6 42.6	2-E xP0		ACE:187 DAYS	537 537	98				13	985	.9	12.94	9.346
	CROUP 2	~	a	41.0333	ë.	3.673	1.224	) ;			:		-		

Table A.2 (continued

UMP I ABLE	£ uo	3863	7E P.	STANDARD DEULATION	STANDARD ERROR	# PALUE	PROB.	נישנטני	DEGREES OF FREEDOM	2-TAIL #	UNLUE	DEGREES OF FREEDOW	2-TAIL PROB.
P67194 GPQ	######################################	54 54 54 55 45 54 54 54 54 54 54 54 54 5	SURE AGE:1 45.5500 42.4000	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.330	1.25	6.963		Ø	# # # 571.0	1.53	en ● · ~	0.17
16720 1800 1800	GF281 1-COMTROL 2-EXPOSUME GPOUP 1 3 44.	348 348 348 348 348 348 348 348 348 348	SUME ACE:201 44,0000 41,6333	2.762 2.762 2.958	1.595		1.00	5	۷	00 C)		4.38	9.302
167208 GROV	UCT208 1.CONTRUE 2.EXPOSURE 2.EXP	3.ExP0:	5URE AGE: 208 44, 2333 41, 9833	98 Days 3.523	2.034		•	<b>6</b>			<b>9</b> 6	4.11	6 4
JGT215 GP01	UGT215 1-CONTROL 2-EXPGSURE GROUP 1 3 45.	30.65.46.59.00.00.00.00.00.00.00.00.00.00.00.00.00	SUPE AGE: 215 45.5333 43.8667	15 DAYS 2.236 3.678	1.587	2.72	69.58	6.21	^	2 <b>9</b> 5 . 0	9.8		0.432
GRON GRON	UGT222 1.CONTROL 2.EXPOSUBE GROUP 1 3 65.	3 EXPO	45,500¢	22 DAYS 2.884 4.482	1.665		0.637		۰	0.453	6.93	6.16	. 388 88
GR01 2	######################################	. 2-ExPos	SURE AGE: 229 1 43,8888	29 DAYS 1,770	e. 792 1.219	3.79	6.215			60 CC CC CC	1.16	6.	0.270
67236 6804 6804	UGT236 1-CONTROL 2-EXPOSURE GROUP : 5 44.	2 - E x 900	SUPE AGE: 236 144,6800	36 DAYS 2.037 3.827	6.911	3.53	9.240	1.36	<b></b>	9.202	1.56	1- 80 99	0.147

Table A 2 (continued)

								,		•	POOLED	POOLED UMRIANCE ESTIMATE	STIMATE #	SEPARATE	R SEPARATE UARIANCE ESTIMATE	STIMATE
CARTABLE	376	<b>⊋</b> ý	NUMBER OF CASES	A A	STANDARD DEUIATION	21	STANDARD ERROR	5 ***	S Jan	2-TAIL B PROB. B	CALLE	DECREES OF FREEDOM	2-TAIL B	VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
<b>MCT24</b>	2005	-coerteor	2-EXPO	467243 1.COMTROL 2.EXPOSURE ACE:243 DAVS CROLP 1 5 45.2008	243 DAY	bavs 1.463	9.654	**		200	9	-	1 6.433	9	<b>*</b>	946.0
	<b>CBOUP</b> 2	~	•	43.5599	÷	4.176	1.476	•		• •						
<b>SC128</b>	CROUP	-CONTROL	2-EXP05	UCT250 1-CONTROL 2-EXPOSURE AGE:250 GROUP 1 5 43.8800		DAYS 2.242	1.83		8		95	=	2 663	.77	10.74	459
	GROUP 2	<b>∩</b> ı	•	42.4500		4.443	1.571				3	•				
<b>SET 25</b>	GROUP	-CONTROL	2-EXP0	METES7 1-CONTROL 2-EXPOSURE AGE:257 GROUP 1 4-0400	557 PA	DAYS 2.024	1.012			****	9	σ	¥ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	•	9.74	6.417
	S TOORS	N	۲	42.2857		4.610	1.74	n * ** **	• T • 6			•	~ ~			
uc726	CROUP	-coerract	2-Exp05	UGTES4 1.CONTROL 2-EXPOSURE MGE:264 DAYS GROUP 1 4 4.6259 2.458	264 DAY	**************************************	1.229		•			o	# <b>9</b> 55	<b>5</b> .6	8	5
	S 40045	N	۲	43.4857	<b>÷</b>	4.582	1.732	, • • •	•	* * *		•				
<b>UG727</b>	2005	-CONTROL	2-EXPO	UGT271 1-CONTROL 2-EXPOSURE AGE:271	; A	AYS 2.687	1.344			-		, ,	787	-		.747
	C SOCE	N	~	42.700	'n	5.026	9		<b>X</b>			•				
MCT27	200	-CONTROL	2-EXPOSU	METETE 1-CONTROL 2-EXPOSURE ACE:278 DAYS CROUP 1 4 42.9256 3.256	278 DAV	ŠŽ ŠŠ	.628				1	đ	# C40	8	<b>6</b> 0	. 834
	S anough	~	~	42.7142	<b>÷</b>	4.979	656.1		S,				•			
SE 7285	Secure	CONTROL 1	Z-EXPO	1-CONTROL 2-EXPOSURE AGE:285	285 DAY	DAYS 3.877	1.538		•		•	o	# C10.9	6.13	8.71	
	2 47000	~	,	41.6714	÷	4.789	81		<b>y</b> 	<b>.</b>	;	•	-	! •		

Table A.2 (continued)

JIBVIVO	Ę	NUMBER OF CASES	Ě	STANDARD DEUIATION	STANDARD ERROR	# # 5	F 2-	2-TAIL B	t and	DEGREES OF	2-14][ 1 PROB.	L CALUE	DECAMBIS OF FREEBON	2-TAIL PROB.
WGT292 GRO	UGT292 1.COMTROL 2.EXPOSUM GROUP 1 4	Z-EXP05	45.8868 44.8856	292 DAYS 2.566 5.071	1.283	, w	3.91	291	<b>€</b> .33	Ø.	6.7	•	<b>65</b> 66	9.761
083 083 083	UCT299 1+CONTROL 2+EXPOSUME GROUP 1 4 42.5	2-EXP05	44.900 42.900	299 DAVS 2.316 4.975	1.158	****	4.61 @	6.23 4 762.	<b>•</b> .75	Os.	\$ . 4 . 5	6.6	ug coi coi	980
LCT386 CE0 CE0	LCT366 1-CONTROL 2-EXPOSURE ACE:396 GPOUP 1 4 45,2500 GROUP 2 7 43,5999	2-EXP05	45,2500	366 Days 2.621 5.127	1.310	m *****	3.83	. 298 # # #	<b>6</b> .59	Ø.	<b>e</b> .569		80 CA	4.498
UG7313 GRO GRO	4 - 1. CONTROL 2-EXPOSURE 1 4-1.7 CROUP 2 7 40.1.	2-EXP05	41.7250 40.1571	313 DAYS 2.484 4.798	1.242	****	3.73	.90	3.	6	9.564	6.71	8 .99	404.9
UCT320 CRO	GROUP 2 7 42.1	10 EXP05	43.0750 42.1857	320 pays 2.334 5.279	1.167		5.12	8 62	6.31	s.	. 761	9 38	œ	6.739
UGT327 GRO GRC	UGT327 1-CONTROL 2-EXPOSURE AGE:327 GROUP 1 4 42.1800 GROUP 2 7 41.4714	2-ExP05	42.1800	327 Davs 1.779 5.844	9.83.€ S.2 <b>9</b> 8		26.79	7.00.0	9.8	۵	69 8.84 51	9.26	7.7	86.78
UCT334 GRO GRU	UCT334 1-CONTROL 2-EXPOSURE GROUP 1 4 45.5	2-ExP05	5UPE PGE:334 41.3250 40.9000	334 DAVS 1.767 6.669	6.83.9 9.83.9		12.64	9.062	•	GA.	958.	6.17	7.49	.867

Table A.2 (continued)

								POOLED	POOLED VARIANCE ESTIMATE		SEPARATE	E SEPARATE UMPIANCE ESTINATE	TIMATE
UARIASLE	₹.	MUMBER OF CASES	REAN	STANDARD	STANDARD ERROR	# F # Jalue	2-TAIL PROB.	UALUE	DEGREES OF FREEDOR	2-TAIL PROB.	VALUE	PECPEES OF FREEDOM	2-TAIL PROB.
UCT346 1-CONTROL 2-EXPOSURE AGE:346 DAYS UGROUP 1 4 42.6040 2.37	1-CONTROL P 1	2-EXPO	SURE AGE: 42,6860	346 DAYS 2.370 5.882	1.185	## 6.16	0.164	•	0.	6 20 4	.17	9.52	6.869
WGT348 1-CONTROL 2-EXPOSURE AGE:348 DAYS WGT348 1-CONTROL 2-EXPOSURE AGE:348 DAYS GROUP 1 43.5428 6.08	1+CONTROL P 1	2-5×P05UR 4-4-4-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6	SURE AGE 1 44.5000 43.5428	348 DAYS 1.298 6.086	6.649 2.300	% 1.98	• • •	9. 30	O.	9.768	•	6.91	9.791
GROUP 2 7 42.6428 6.18	1.CONTROL P 1	2-ExP0:	SUPE AGE: 44.0000	355 DAYS 1.954 6.189	6.977		•	. <del>.</del>	٥	989	<b>4</b>	7.80	0.667
UCT362 1-CONTPOL 2-EXPOSURE AGE:362 GROUP 1 4 42.4259 GROUF 2 7 40.7285	1-CONTROLL P 1	Z-EXPO	5URE AGE: 42.4250 40.7285	362 DAYS 1.810 6.018	6.965	\$	0.075	<b>6.</b> 54	6	6.603	Ø:	7.67	865.0
UGT369 1-CONTROL 2-EXPOSURE AGE:369 GROUP 1 43.1000 GROUP 2 7 41.1000	1.CONTROL P 1	2-EXPO	SUPE AGE: 43.1000	369 DAYS 2.965 6.35e	1.483	4.59	• . 239	æ ∪: •	O)	6.573	 	60 00	9.496
uc1376 1-CONTROL 2-EXPUSUR GROUP 1 4 444444444444444444444444444444444	1-CONTROL P 1	2-EXPO	43.6758 41.5714	376 Days 2.454 6.220	1.227	6	9.155	49	ø	6.540	<b>₽</b>	ол 4.	6.451
LET391 1-CONTROL 2-EXPOSUME AGE 1391 GROUP 1 4 45.0250 GROUP 2 7 41.8428	1.confroit P 1	2-EXPO	5URE AGE: 45.0250 41.8428	391 DAYS 1.543 6.764	577.9	10.01 10.01		6.	GA .	9.388		7.03	572.0

Table A.2 (continued)

UCT397 1.CONTROL 2-EXPOSUME AGE:397 GROUP 2 7 39.6714 UCT404 1.CONTROL 2-EXPOSUME AGE:404 UCT411 1.CONTROL 2-EXPOSUME AGE:404 UCT411 1.CONTROL 2-EXPOSUME AGE:411 GROUP 2 7 42.4285 GROUP 2 7 42.4285		CHAPES	20.00	DEVIATION	ERROR	• ·	30160	PROB.	a value	E FREEDOM	Old	•	SALUE.	FREEDOM	
GROUP GROUP GROUP GROUP GROUP GROUP	CONTROL	2 • ExPO	SURE AGE:3	. 🖴	1.464		9.54	9.695	# # 6.66	9	6.523	<b>**</b> ** ** *	9.85	7.87	€. 421
CROUP CROUP CROUP CROUP		<b>86</b>	39.6714	9.0	3.416						1	• •	1	1	1 1 1 1
CROUP	CONTROL	2-ExPOSUR 4	5URE AGE: 404 45.5250	104 DAYS	0.661		90	•	0 0	ō	¢.		9	4 72	215
uc7411 cRoup CROUP	~	7 42	42.5571	6.992	2.643	•							3	<u>.</u>	
CROUP	CONTROL	2.Exp0	SURE 40E:411	111 pays 1.785	6.893			3		·	, d			7 59	90
	<b>~</b>	٢	42.4285	6.313	2.386		P						?		
LCT418 1-CONTROL 2-EXPOSURE GROUP 1 4 46.8	CONTROL	2-ExP05	5URE AGE: 418	118 DAYS 1.558	6.779				-	n	900		9	, <b>.</b>	G C C
S PUOPP 2	~	7 42	42.8:43	6.819	2.577	-	67 - 61								
UGT425 1+CONTROL 2+EXPOSURE	CONTROL	2.EXP05	5URE AGE 14	E AGE 1425 DAYS						c				3	וכר
CROUP 2	Q)	۲	43.4571	7.152	5.703	-,	89. L	D					9		
467432 1-00MTROL 2-EXPOSURE AGE:432	COMTROL	Z+EXPOS	JUNE AGE 14	32 DAVS 6.718	€.359				1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0		400		7	<b>6</b> 5	9.485
GROUP 2	~	۲	45.4857	1.274	5.749		7 D . U								L
UCT439 1-CONTROL 2-EXPOSUR	CONTROL	2.ExP05	SUPE AGE: 439	39 DAVS 1.319	6.659		707 00	1 0 1 0	4	0	9.647		6.63	.9. .9. .9	9.548
GROUP 2	~	(-	46.7428	7.283	2.733	, 	,				! •				

Table A.2 (continued)

										# POOLED	POOLED UARIANCE ESTINATE	STIMATE 1	SEPABATE	SEPARATE UARTANCE ESTIMATE	STIMMTE
UMPIABLE	) LE	₹ %	MUMBER OF CASES	ž	STANDARD DEUIATION	Ì	STANDARD EPROR	an contract	2-TAIL F PROB.	* CALUE	DEGREES OF 2-TAIL FREEDOM PROB.	PROB. 1	UALUE	DEGREES OF FREEDOM	2-TAIL PROB.
£113	04000	-control	UGT446 1-CONTROL 2-EXPOSURE	UPE ACE 1	ACE:446 DAYS	57	1.578		246	-	o	2 812.0	4.	er er	0.663
	≥ <b>4</b> 00 <b>45</b>	~	۲	47.1571	6.63	<b>x</b>	2.585	, , 			•	•			
UCT 45	CROCK	-CONTROL	UGT453 1-CONTROL 2-EXPOSURE 680-49-4	URE ACE:	AGE: 453 DAVS 4500 2.120	88	1.060		!				3	7.57	S)
	S PLOSE 2	~	7 47.6	47.6714	7.037	37	2.660		() •		•				
uc146	GROUP	CONTROL	UCT460 1.CONTROL 2.EXPOSURE	URE ACE:	ACE: 460 DAYS	56	1.248				đ	# 192	0	2000	9.707
	GROUP 2	~	^	47.4428	7.786	9	2.910	, ,			,	• • • • • • • • • • • • • • • • • • •		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
94 139	280Ce 1	· CONTROL	UST467 1-CONTROL 2-EXPOSURE AGE:467 DAYS GROUP 1 4 47.9500 3.708	UPE AGE:	467 DAYS	80	1.854		000	4	σ	# 25b	6.07	6	9.044
	S 90085	~	7 47.7	47.7142	7.621	51	2.654		_			<b>84 94</b>			
<b>5</b> C74	3	-CORTROL	UGT474 1-COMTROL 2-EXPOSURE GROUP 1 4 47.5	URE ACE:	ACE:474 EAYS 500 3.911	=======================================	1.955		X		σ	# # GO	6.15	66.8	9.881
	5 100	₽	۲-	47.0428	7.011	Į	2.650					<b>** **</b>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
8713	3	-control	UCT-81 1-CONTROL 2-EXPOSURE	46.3750	481 DAVS 3.720	8	1.864		-36		σ	6.00	25	8.93	6.867
	3 3705		7 47.8	47.2428	7.640	:	8.83			, page 194	,				1
LCT-488 1-0	3	E	1-control 2-freesung	47.3250	SAM 887		2.343		×	•	•		-0.12	ð. 	\$
	3		7 47.3	47.7157	7.84	ž	5.8.5				•	•			

And the state of t

Table A.2 (continued

									E POCLED	POCLED UARIANCE ESTIMATE	ST: MATE	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
37.8¢13¢2	lal , 1	7 L	NUPBER OF CASES	#69k	STANDARD DEUTATION	STAMBARD ERROR	# UMLUE	2-TAIL E PROB.	# value	DESPEES OF	2-*41: 1 PROB. 1	UALUE	PEGREES OF FREEDOM	PROB.
64 49	T dhoab	GROUP 2 7 48.9	2-EXPO	5URE AGE: 48,8000	URE AGE: 495 DAVS 48. 8000 3.580	1.796 2.824	4.35	5 8.255		ø	4.96.5	9.	6. 80	6.957
WGTS#	CROUP 2	.com780L	A EXPO	SUME AGE:	MGTS@2 :-COMTROL F-EXPOSUME AGE:502 DAYS GROUP : 4.4800 2.331 GROUP 2 2 46.7857 7.760	1.165	6.	9 6.674	65.5		G.	-0.76	99	4.4
MCT50	GROUP 1	#GT509 1+CONTROL 2+EXPOSURE GROUP 1 4 42-3	2+ExP0	SURE ACE: 42.3000	RE ACE:569 DAVS 2.366 3.281 5.6571 8.564	3.214	# # 5.73	2 0.147		On .	69 7- 7-	-6.93	8.39	9.379
16151	GROUP R	CONTROL	2-EXPO	SUPE 4GE: 44.3250 47.2285	#GT516 1-COMTROL 2-EXPOSURE #GE:516 DAVS GROUP 1 4 44.3250 5.774 GROUP 2 7 47.2285 8.084	3.825		.633	69 69	1 1 1 1 1 1 1 1	6.42.9	. 69 . 69 .	8.24	6.507
UGT52	GROUP 1	CONTROL 1	A PERPO	UGT523 1-CONTROL 2-EXPOSUPE AGE:523 GROUP 1 4-6548 2ROUP 2 7 47,7714	523 DAYS 5.444 8.153	3.081	2.24	, m	6. 6.	6	0.986	-0.63	8.57 75.80	6.977
UGT530	1-00 3ROUP :	CONTRO:	P-Expo	uGT530 1.COMTROL 2.EXPOSURE AGE:530 3ROUP : 47.7586 GROUP 2 7 48.8000	536 DAYS 6.629 7.858	3.914		6.712	# -6.32	on i	00 00 00 00 00 00 00 00 00 00 00 00 00	-6.34	16.	8.741
66153	GROUP 1	UGT537 :-COMTRCL 2-EXPUSURE 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2.EXP3	SURE 6E:537 47.85@@	537 DAYS 6.556 7.949	3.278		6.300	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b>б</b>	e.736 x	-6.37	i,	6.723

Table A.2 (continued)

								# P00	1E0 V4	* INHE	STIMATE .	SEPARATE	POOLED UARTANCE ESTIMATE & SEPARATE UARTANCE ESTIMATE	STIMATE
UAPIABLE	ž uo	NUMBER OF CASES	ME AN	STANDARD DEVIATION	STANDARD ERROR	1 05 1 05 1 05 1 05 1 05 1 05 1 05 1 05	F 2-TAIL		T DE	DEGREES OF 2-TAIL FREEDOM PROB.	2-TA][ 1 PROB. 1	UALUE	DEGREES OF	2-TAIL PP01.
UCTS44 1-CONTROL 2-EXPOSURE GROUP L 4-6.	-control	2-EMP05	SUPE #GE:5	AGE:544 DAVS 5250 6.957	3.478	-	4		9	σ	# # CF2	93 4	שכ ני	0 i
CROUP 2	~	٠	48.6714	8. <b>e</b> 86	3.656		690.8		o.	•	4			
UCTSSI 1-CONTROL 2-EXPOSURE GROUP 1 4-6-6	1 - COMTROL	2.ExP05	SURE AGE:5	AGE:551 DAVS	3.585				9			9	70 9	
GROUP 2	~	۲	49.8571	7.905	2.988		35:1		•	•		<u>.</u>		
UCTSS8 1+CONTROL Z-EXPOSURE GROUP 1 4 46.	t-control.	2-EXP05	5URE AGE 15	AGE:558 DAYS 7250 6.501	3.25				, ,		# # # COV	-6.72	2.50	6.467
GROUP 2	~	۲	50.1428	7.995	3.622		16-1	**		•			3	
UCTSES 1.CONTROL 2.EXPOSURE CROUP 1 4 46.	1 - CONTROL	2-EXP05	SURE AGE:5	AGE: 565 DAYS 8500 5.890	2.945		•		. 0	; ; ; ;	707	ş	96 86	9.363
CROUP 2	2	~	\$0.9714	8.206	3.102	:		4 #4		•		}		

Table A.2 (continued)

UCT572 1.CONTR GROUP 2 GROUP 2 GROUP 2 3ROUP 2 3ROUP 2 GROUP 3 GROUP 3	MUMBER OF CASES POL 2-EXPOS ROL 2-EXPOS		STANDARD DEJLATION	STANDARD	# # # 		•			•		
UCT572 1-CONTROL 2-EXPOSURE AGGROUP 2 7 49.657 GROUP 2 7 49.657 GROUP 2 7 49.657 3-CUP 1 4 4.000	MOL 2-EXPOS	50RE AGE:572 45.5758 49.6571		TO TO		CALUE PROB.	H CALUE	FREEDOM PROB.	PROB.	UALUE	DEGREES OF FREEDOM	2-TAIL PROB.
GROUP 2 7 49.657  UGT575 1-CCMTROL 2-EXPOSURE 06  3ROUP 2 7 48.557  UGT586 1-COMTROL 2-EXPOSURE A6  GROUP 2 7 48.428	iol P-ExPor	49.6571	E:572 DAYS	3.136		600		cī		<b>6</b>	r W	80.00
LGT575 1.COMTR 2ROUP 2 2ROUP 2 GROUP 3 GROUP 3	COL P. EXPO		8.065	3.048		60. I		,	***	; ; ; ; ; ; ;		
SROUP 2 UETS86 1-CONTR	r	5URE AGE:579	E:579 DAYS	3.004		2	• • • • • • • • • • • • • • • • • • •		** ** ** ***	6	7,91	9.3
LETSBE 1-CONTR		1255.8+	7.813	2.953				,	<b>See 80</b>	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•
SROUP 2	POL 2-EXPO	SURE AGE: 586	E:586 DAYS	3.334		0	•	σ	# 740 <b>@</b>	2,1	7.24	0.237
	۴	48.4285	7.723	2.919	-			,	e			1
UGT593 1-CONTROL 2-EXPOSURE AGE:593 DAYS	ROL Z-EXPO	SURE AGE: 593	1 DAYS 6.410	3,205			****	o	## ## OX.			. 196
CROUP 2	~	48.0856	1.677	5.96.5		0.00 C			***			1
#GT600 :-COMTRCL 2-EXPOSURE AGE:600 DAYS GROUP : 4 44.5250 6.710	RCL Z-EXPO	SURE 40E:606	9 Davs 6.710	3.355		0	•	•	6.491	1 -0.75	7.13	. 48
GROUP 2	٢	47.8285	7.637	2.886		1.30 C. 60 S		,	***			1 1 1 1 1

Table A.3 Body masses for F4-2 male mice.

T-TESTS FOR F4-2 MALES

							~ '	POOLED	POOLED UARIANCE ESTINATE	STIMATE	E SEPARAT	SEPARATE UMPIANCE ESTIMATE	STIMATE
UARIABLE		MUMBER OF CASES	HE AN	STANDARD DEULATION	STANDARD ERROR	T VALUE	2-TAIL PROB.	UACUE	DEGREES OF FREEDOM	PROB.	UPLUE	DEGREES OF FREEDOM	PPOB.
UCT7	UGT7 1-CONTROL 2-EXPOSURE	901 2-EXPC	XPOSURE AGE 17 DAYS	7 DAVS	4.247	-	7 7 4	•	•	663	9	15.94	9.665
	CROUP 2	91	6.1400	€.638	9.205				;		-		
aron a	1+CONTROL 2+EXPOSURE GROUP 1 9 6.	ROL Z-EXPC	05URE AGE 11 6.6444	AGE:8 DAYS 6444 8.949	0.316					<b>6 7 8</b>		14.58	<b>0</b> 55.4
	S PUDDE	•	6.8866	969.0	€.220				•				4
UCT9	MGT9 1-CONTROL 2-EXPOSURE	TROL 2-EXPOSUR	DSURE AGE 19	9 DAVS	9.329		1		Ç	25.0		14.82	6.773
	GROUP 2	2	7.5300	9.744	9.235			?; }	;	}			
UGTIZ	METIZ 1+CONTROL 2+EXPOSURE GROUP 1 7 9.	ROL 2-EXPOSUR	9.3857	12 DAYS 1.142	0.432		•			6	4.	12.45	9.708
	GROUP 2	€0	9.6125	1.668	6.378			<b>;</b>	1				
<b>46713</b>	GROUP 1 7 8.	801 2-EXPC	EXPOSURE AGE:1	E AGE 113 DAYS 8286 1.174	0.444					200	9	12.78	●.925
	GROUP 2	<b>60</b>	9.8875	1.189	<b>6</b> .42 <b>6</b>				2			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LCT.	UCT14 1-CONTROL 2-EXPOSURE	ROL 2-EXPC	05URE AGE:	E AGE:14 DAYS	<b>87</b> 5.3	-	363	4	1.2	86.6	•	15.42	. 68
	GROUP 2	•	10.2500	1.278	. 49.							4 3 9 1 4 1	
<b>CC715</b>	MCTIS 1-CONTROL 2-EXPOSURE	ROL 2.EXPOSUR	05URE AGE:15   11.2111	15 DAVS	6.547		!		Ç	4.7	B 47	15.92	6.645
	~ 47000	9.	10.880	1.410	• . + 46	5		; ;		)			

The second section of the second seco

Table A.3 (continued

VARIABLE	ורב ו סו	NUMBER OF CASES	5 <b>IE</b> AN	STANDARD DEVIATION	STANDARD ERROR	و ا بد س	E UE	F 2-TAIL		UALUE	DEGREES OF 2-TAIL I	PROB. #	URLUE	PEGENCES OF	2-1A1L PROB.
ECT15	L-CCNTR	9. 3.6	UGT15 1-CCATROL 2-EXPOSURE AGE115 DAYS GROUP 1 9 11.7000	16 Days 1.516	. 585		85.	1.26 6.735		-6.82	17	1 886.0	3.	16.18	986
	CROUP 2 10	=	11.7100	1.351	0.427						- 1			1	;
UCT20	1.CONTR.	3-2-10	MGT20 1.COMTROL 2-EXPOSUME AGE:20 DAYS GROUP : 9 14:1333 1.612	20 DAVS	4.537		7	619	***	9	51	6.8 80 80	16	15.77	6.879
	GROUP 2 10	•	14.2400	1.359	1.430		:				,	ad 200 1	1	:	
uc. 21	1 -CONTR	3-2-10	MCT21 1-CONTROL 2-EXPOSURE AGE:21 DAYS GROUP 1 9 14.7333 1.5	21 DAYS 1.503	9.541	***	3	1.65 0.471		-8,39	51	8.795	9.	15.11	6.709
	CROUP 2 18	<u>.</u>	14.9700	1.170	<b>•</b> .37 <b>•</b>		3	;		}		**		,	1
16722	GROUP 1	3-8-10	UGTEE 1-COMPROL 2-EXPOSURE AGEIZE DAYS 1-461	22 DAYS 1.461	0.487	***		986		75. 4-	17	799	75.4	13.8	6.793
	CROUP 2 18	•1	15.700	.: \$	<b>e</b> .316	• •• ••	:				,				
UCT23	1-CONTR	0. 2∙€	UGT23 1-CONTROL 2-EXPOSURE AGE:23 DAYS GROUF : 9 1.6.3889 1.6	23 DAYS 1.645	6.548		*			η. •	4. <b>4.</b>	60.00 4 M M	;;	12.27	6.918
	GROUP 2 10	•	16.4600	6.919	6.291	,	<u>;</u>	***	<b>*</b> **	;	•	<b>**</b>			

Table A.3 (continued)

T-TESTS FOR F4-2 MALES

								F POOLED	POOLED WARIANCE ESTIMATE	STIMATE	SEPARATE	E SEPARATE VARIANCE ESTIMATE	STIMATE
UARIABLE	BLE RE	NUMBER OF CASES	を発	STANDORD DEUIATION	STANDARD ERROR	a vetue	PROD.	I UALUE	DEGREES OF	2-TAIL PROB.	VALUE	DEGREES OF FREEDOM	PROB.
UCT26	UGT26 1-CONTROL 2-EXPOSURE AGE: 26 DAYS GROUP 1 7 18.3714	Z.EXPO	SURE AGE: 2	26 DAYS 1.679	• 635		90	-	2	2		a d	.227
	GROUP 2	œ	19.3125	6.993	•.351				•				
VCT27	UGT27 1.CONTROL 2.EXPOSURE AGE:27 DAYS	2+EXPOSUR 9 15	SURE AGE 12	27 DAVS 2.284	0.761			- C	- 17	9	6	15.52	0.0
	GROUP 2	10	19.6900	1.866	6.59								
LCT28	0.7	4780L 2-EXP05U6	SURE AGE 12	28 DAYS 1.719	9.65				-	2,135	55.1-	10.17	6.153
	GROUP 2	•	21.3250	1.134	. 401	R 							1 1
UC129	UGT29 1-CONTROL 2-EXPOSUR	2.EXPO	SURE ACE 12	1E ACE 129 DAYS	8.828				بَ	886	•	8.62	686.9
	GROUP 2	ø.	21.8008	9.845	0.282							1	1
uc130	UGT38 1.COMTROL 2-EXPOSURE AGE 130 DAYS GROUP 1 8 22.5258 2.210	2.EXPO	SURE AGE 13	30 DAYS 2.210	0.781			•	ž	928.	.2.	9.32	.835
	GROUP 2	۰	22.3444	• . 96	0.320	8). C							
<b>CCT33</b>	UGT33 1-CONTROL 2-EXPOSURE AGE:33 DAYS GROUP 1 6 23.3833 2:395	2 - ExPOSU(	SURE AGE 12	33 DAYS 2.395	6.978			<b>Y</b>	ä	.528	-6.62	7.27	. 554
	GROUP 2	٧	24.0571	1.247	0.471								
UCT35	46735 1-CONTROL 2-EXPOSURE AGE:35	2-EXP0	SURE AGE:	35 . AVS	0.843		•		ñ	796		10.58	38.
	S 400mg	c)	24.7666	1.348	P. 436		, , , ,	-	:			  -  -  -	

Table A.3 (continued)

318WIWBN	7.6	₹ 8	NUMBER OF CASES	MEAN	STANDARD DEULATION	STANDARD ERROR	T UNITED	F 2-TAIL VALUE PROB.	140	38730 96 18730 97	ES OF	1 T DEUREES OF 2-TAIL 1 A UALUE FREEDOM PROB. 1	VALUE	DECREES OF FREEDOM	2-TA1L PROB.
<b>UGT36</b>	GROUP 2	-coertect	2 - E XP05	SURE AGE: 25.4875 25.0667	UGT36 1-COMTROL 2-EXPOSURE AGE:36 DAYS GROUP 1 8 25,4875 2.468 GROUP 2 9 25,0667 1.340	<b>9</b> .851	#####	3.23 0.123	•	•.45	51	4.657 #	÷.	89 •	6.67
06137	GROUP 2	-COMTROL		SURE AGE: 25.7250	UGT37 1+COMTROL 2+EXPOSURE ACE:37 DAYS GROUP 1 8 25.7256 2.301 GROUP 2 9 25.5111 :.257	• • • • • • • • • • • • • • • • • • •	M = 20 00 00	3.35 0.112		6.24	15		<b>⊕</b> . ₽3	10.56	. a. 19
100	GROUP 1	-CONTROL 1 2	. 2-ExPOS	46146 1.COMTROL 2-EXPOSURE ACE:46 DAYS GROUP 1 6 26.3667 3.1	1.526	1.283	**************************************	4.24 0.108	** -0.57	52	=	. 588 883 84 84 84 84 84 84 84 84 84 84 84 84 84	-0.54	8.9	9.695
16141	2 anoas	-control	00 X 3 + 20 00 00 00 00 00 00 00 00 00 00 00 00	46741 1-CONTROL 2-EXPOSURE AGE:41 6.00UP 1 8 27.3875 6.00UP 2 9 27.5000	41 DAVS 2.958 1.773	1.046		2,78 9.175	•		21	6.924	<b>\$</b> <b>⊕</b> •	11.19	52.9
46742	1 -00 1 -00 1 -00 1 -00	-COMTROL	- E X P O S	SURE AGE: 4 27.8508 27.8667	4GT42 1-COMTROL 2-EXPOSURE AGE: 42 DAYS GROUP 1 9 27.8500 2.997 GROUP 2 9 27.8667 1.982	1.068	**************************************	692.0 62.2		•	15	60.00		11.92	86.0

Table A.3 (continued)

T-TESTS FOR F4-2 MALES

								-	POOLED	E POOLED VARIANCE ESTIMATE		E SEPARATI	SEPARATE VARIANCE ESTIMATE	STIMATE
UNTIABLE	316	14D	NUMBER OF CASES	JE DA	STANDARD DEULATION	STANDARD ERROR	a colue	2-TAIL # PR08. #	UALUE	DEGREES OF FREEDOM	F 2-TAIL PROB.	NALUE VALUE	DEGREES OF FREEDOM	2-TAIL PROS.
<b>CC143</b>	CROUP.	UCT43 1-COMPROL 2-EXPOSURE 6	2 E KP	05UPE MGE: 28.4625	AGE:43 DAYS 1625 3.036	1.073	9	9	9	ñ	6 997	-4.00	11.55	6.897
	CROUP 2	~	01	28.4 <b>66</b> 6	1.912	0.637						• •		1 1
V6744	GROUP	.COMTROL	S-EXP	UCT44 1-COMTROL 2-EXPOSURE AGE140	44 DAYS 3.167	1,698	•		• X	ý	600	# # # # # # # # # # # # # # # # # # #	9.57	6.812
	GROUP 2	n)	<b>5</b> 1	28.5333	1.424	9.475			3	•				1
<b>WGT47</b>	CROUP	-CONTROL	2.E.KP(	WGT47 1-CONTROL 2-EXPOSURE ACE:47 DAVS GROUP 1 6 29.2833 3.8	47 DAVS 3.864	1.578	!				27.	# # # # # # # # # # # # # # # # # # #	6.83	<b>●</b> .785
	GROUP 2	~	~	29.7714	1.826	0.69			<b>;</b>	:			, , , , , , , , , , , , , , , , , , ,	1
LC748	CT48 1	CONTROL	9 5 8	1.CONTROL 2-EXPOSUME AGE:48 GROUP 1 6 30.2833	48 DAYS 3.952	1.613				=	6.00	O	6.95	●.857
	S SHOWS	~	^	30.6143	1.9	0.718				:			1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1
UCT 49	CROUP 1	-CONTROL	8 8	UGT49 1-COMTROL 2-EXPOSURE ACE:49 DAVS GROUP 1 8 30.9625 3.7	49 DAYS 3.755	1.328	:		•	ñ	978	.17	68.6	. 867
	2 400	N	۵	30.7111	1.834	A.611				:				
\$513	1005	UCTS® 1+CONTROL CROUP 1	2.EXP(	1-CONTROL 2-EXPOSURE AGEIS® DAYS GROUP 1 8 34.9599 3.	50 DAYS 3.746	1.325	!	1 00 00 0	•	ž			50.05	9.0
	S TUORS	~	On.	30.8444	1.873	0.624			•				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
WCT51	UGTS1 1-CC	CONTROL	- EXP-18	1+CONTROL 2-EXPOSURE AGE 151	51 DAYS 4.122	1.457			•		en.	# # # 0.10	10.36	9.826
	S 400	2	œ	££££.: "	2.182	15:10				•	-	-		

Table A.3 (continued)

13.0826	UMRIABLE		NUMBER OF CASES	FERN	STANEHRO DEUTATION	STAMBARD ERRCR	5	a Pilot	F 2-TAIL	CALUE	DESAEES OF 2-TAIL B	2-TA11 B	ratue	DEGREES OF FREEDOF	2 TAIL PROB.
1.546	uc755	1-CONTROL GROUP 2	2 · ExP05	33.6256 33.6256	5 D6V5 4.847 2.448	1.714		<b>3</b>		9			.63		60.
136 1.534 8 3.21 0.125 8 -0.01 15 0.395 8 -0.01 122 0.395 8 1.001 1234 8 3.37 0.172 8 -0.45 11 0.560 8 -0.43	46156	CROUP 2	50 d. X. 33 d. 33	33.6750 33.8777	6 DAYS 4.357 2.523	1.54		86.98	Ø. 1.49			6.00	-0.12	16.94	0.0
132 9.8:1 8 3.46 0.103 8 -0.22 15 0.830 8 -0.21 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	UGT57	1-CONTROL GROUP 1	55 1 X 33 - 25 2 X 34 - 25 2 X 34 - 25 3 X	34.1222	7 DAYS 4.338 2.422	1.534		3.21	<b>•</b> .125			\$ 900.00	. 0	1.0.7	986
2.344 t 3.37 0.172 t -0.45 11 0.560 t t 1.183 t t 1.183 t t 1.183 t t 1.183 t 1.18	uct58	1+CONTROL GROUP 1	88 EXPOS	J4. 3777	8 DAYS 4.523 7.432	1.598 1:8.0		3.46	⊕.1⊕3	- 9.5	5 15	6.0	-6.21	10.46	0.837
- 在有利的工作中是主要企业的工作,在在中国企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企	19191	1+CONTROI GROJP 1	6 6 7	34.3667 35.5800	1 Days 5.741 3.129	2.344		3.37	• . 172			999	-0.43	7.47	6.679

Table A.3 (continued)

								,		# PODLED	PODLED UNMIRMILE ESTIMATE		JE VERNATION OF	A SEPHENIE UMFINACE ESITAMIE	M 1 7 1 6 1
UARIABLE	31	18	HUMBER OF CASES	14 14	STANDARD DEVINTION	TION	STANDARD ERROR	s ualue	PROB.	T VALUE	PECREES OF FREEDOM	2-TAIL #	UALUE	PEGFEES OF FREEDOM	2-TAIL PROB.
.c.162	GROUP	CONTROL	LGT62 CONTROL 2-EXPOSURE ALES DAYS GROUP 1 6 34.6000 5.6	12E ALE 1	62 DAY	. 621 5.621	2.295	, ,	4 123	- H - H	-	. 789		7.47	€. 11.1
_	GROUP 2	ru.	7 3	35.5714		3.065	1.158			;	:				
uc163	- I	CONTROL	LGT63 1-CONTROL 2-EXPOSURE AGE: 63 DAYS GROUP 1 8 35-4625 4-829	10E AGE :	F3 DAY	\$ 58.9	1.707		99.	# # # # # # # # # # # # # # # # # # #	ž	128	- 6.22	11.11	6.827
-	CROUP 2	~	6	35.3000	λi	2.863	0.954				:				
46759	GROUP 1	GCT64 1.CONTROL 2-EXP	2-ExP05U	26.1625 5.7	64 DAY	vs 5.34	80 80 . 1		9		تِ	715.4	9	16.39	9.00
•	GROUP 2	2	<b>б</b>	36.3777	Ň	2.843	9.948			** H			-		
WGT65	SROUP	WGT65 1-CONTROL 2-EXP	2-ExP05U	05URE AGE:65	£	4.859	1.718		40		ń	84	6.19	10.70	.85 <b>4</b>
-	CROUF 2	N.	C Ø	37.3666	Ň	2.712	* . \$0 4							1	
WGT69	CROUP	MGT69 1-CONTROL 2-EXP	Z-ExPOSU 8	9510E AGE 169	1 \$	4.931	1.743		4		ā.	9.695	-6.51	9.69	0.663
•	CROUP 2	~	6	38.4777	Ň	2.276	6.759					~ =		1	1
VCT78	- A0045	UGT70 1-CONTROL 2-EXP	2-ExP05U 8	05URE AGE 178 38.5999	<u> </u>	vs 4.911	1.736		6	25.6-	55	6.807	-0.24	10.39	9.815
•	CROWP 2	ري.	6	39.0666	٥	2.614	9.871				1 1				
UGT71 1-0	2000	1-CONTROL 2-EXP	2-ExPOSU	37.2500	71 200	DAYS 5.422	2.214		40	3	2	697	- 7	6.85	0.462
_	S ANDWO	cu.		39.1288	Ň	2.694	952				! •	-	_		

Table A.3 (continued)

MGT72         1 - COMTROL         E - EXPOSURE RAGE 72         2 - 16.3         1 - 11.7         0 - 18.9         0 - 18.9<	VARIABLE	316	20	NUMBER OF CASES	<b>36</b> 94	STANDARD DEUTATION	STANDARD ERROR	5	UALUE PROB.	PRCB.	T UALUE	TECHNICATION PROBLEM	# MORd	JALUE	FIREESON	PROB.
2.500 1	UC178	47043	-CONTROL	e-ExPo	37.4167	72 DAYS					0.0		3 # #BC .6	00 •	<b>6</b>	4.435
2.500 1 4.82 6.063 1 -1.06		GROUP	~	œ	39,3625	2.595			•							
2.28': 4.12 0.092 1 -:.00 12 3.335 2 -0.01  2.668	46176	CROUP	-control	2-ExP0	37.1333	76 DAYS 6.125	  -  -  -  -		3	3	•	:	100	55	. <u> </u>	176.
2.268 1 5.05 0.056 1 -0.07 12 0.352 1 -0.01  2.668 1 5.05 0.056 1 -0.07 12 0.352 1 -0.01  2.565 1 5.54 0.044 1 -1.07 12 0.308 1 -0.95  2.619 1 3.45 0.172 1 -1.34 10 0.209 1 -1.21		GROUP	~	<b>CO</b> )	39.700	2.791			}				-			
2.668	JC17	SPCUP	-COMTROL	2-ExP0	SUPE AGE:	177 BAVS 5.595			5	600		! ! !	# Sec. 6	•	, n	505.6
2.565 # 5.05 0.056 # -0.97 ;2 0.352 # -0.87 # 2.565 # 5.54 0.044 # -1.07 ;2 0.208 # -0.96 # 2.519 # 2.519 # 1.191 # 3.45 0.172 # -1.34 ;0 0.209 # -1.2;		GROUP	5	30	39.9500	2.756	4.974	, 	•		:				}	
2.565 # # # # # # # # # # # # # # # # # #	<b>K678</b>	<b>6</b> 000	+control	2 · E x P 7	38.8333				4	3			250	6.		• • • • • • • • • • • • • • • • • • •
2.565 # 5.54 0.044 # -:.07 12 6.208 # -0.96 # -0.94 # 2.54 0.07 12 6.208 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96 # -0.96		GROUP	~	<b>&amp;</b>	41.3250	2.908				?						
6.944 E	<b>EC</b> 191	CPOUP	CONTROL	2-ExP0	SURE AGE:	<u> </u>	2.565					) ! ,		95	35	9.376
2.619 8 3 45 6.172 8 -1.34 14 6.269 8 -1.21 1.191 8 8		anoas	~	80	42.8125	5.669	₩.944		<b>.</b>							,
7 43,7714 3.151 1.191 t	8	2000	1087F02	2-ExP0	SUNE AGE:	99 DAYS	: : : :				. 4	, , , ,			۵ <b>.66</b>	8.27
		CROUP	v	~	43.7714	3.151	1.191	` • •• •	<u> </u>	, • : :				·		

Table A.3 (continued)

AGE 1185 DAYS  1333 1185 DAYS  1333 1185 DAYS  1333 1185 DAYS  1348 DAYS  1358 DAYS  135							T POOLED VARIANCE ESTIMATE	PIAMCE (		SEPARATE	8 SEPARATE LAPIANCE ESTIMATE	57 1 1 1 1 1 1 1 E
2.283 6.949 6.686 1.172 1.172 1.978 1.978 1.978 1.978 1.978 1.978 1.978 1.978 1.978 1.978 1.978	IABLE	NUMBER OF CASES		STANDARD DEVIATION	STANDARD ERROR	F 2-TAIL	s value f	PEGREES OF	PROB.	VALUE	#0033#730 40 533#730	PROB.
### ### ##############################	105 1-CC	MATROL 2-EXP	05URE AGE 11	105 DAYS 5.686	3.283	7 10 6 605	4.	ue	6. 6. 6. 6. 6. 6.	•	9.34	P. 769
ACE: 112 DAYS 759	SPOUP 2	v	42.1806	2.123	6.949			,			,	
500 1.679 0.686 E E E E E E E E E E E E E E E E E E	112 1+CG	NTROL Z-EXP	05UPE AGE:	112 DAYS 5.648	2.824		4	a	8 670 6	6	<b>*</b>	8
See 2.876 1.172 x ACE 126 DAYS ACE 126 DAYS See 2.579 1.653 x See 2.579 1.653 x See 1.868 1.978 x See 1.878	S- MUDAS	و	42.9666	1.679	989.0			u ·				
596 2.876 1.172 8  ACE 126 DAYS  SOB 2.579 1.853 8  ACE 133 DAYS  SOB 0.0 0.0 0.0 8  ACE 140 DAYS  SOB 1.878 8  ACE 140 DAYS  SOB 0.0 0.0 8  ACE 147 DAYS  SOB 0.	119 1-C0	MTROL 2+EXP	05URE AGE:1	119 DAVS 4.906	2.453			CX	226	-	39	9.7.6
ACE 126 DAYS  See 2.579 1.653 2  Get 133 DAYS  Get 14 DAY	S MOORE	<b>.</b>	42.6500	2.870	1.172	4) 2. 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•	3	;		
696 2.579 1.653 1 40E 133 DAYS 0.6 8 696 0.9 0.6 8 667 1.868 1.978 1 667 1.892 1.993 1 667 1.892 1.993 1 667 2.618 1.567 1	126 1-C0 GROUP 1	NATROL 2-EXP.	05URE AGE 1	126 DAVS 5.032	2.905	1			מנו ש	6	4 tr	476
40E 133 DAYS 696 1.868 1.978 1.788	S anoms	ø	44.6500	2.579	1.653	0 A1		_			,	
600 1.868 1.978 E CC 1.878 E CC 1.893 E CC 1.892 1.093 E CC 1.892 1.093 E CC 1.003 E CC	133 1·00	MTROL 2-EXP	34.6998	133 DAYS	9	:	27 (	! ! !		-7.33	<b>8</b> €. S	6.618
1.892 1.693 E	CROUP 2	6	42.5800	1.868	1.878			ı				1
1.892 1.093 E	140 1-C0	NTROL 2-EXP	05URE AGE : 33.5000		•		( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	, , ,	9.042	9,0	<b>3</b> . ∾	0.011
DAYS 3.0 E	GROUP 2	C	43.8667	1.892	1.093			,				1
8 795.1 019.5 5.610 1.507 F	147 1-C0	MTROL 2-EXP	33.200	147 DAYS	9.e	:		, ,		5	2	6.00
, , , , , , , , , , , , , , , , , , , ,	GROUP 2	~	41.9667	9.610	1.507		11 A	u		}	) )	

able A.3 (continued)

WARIABLE		MUMBER OF CASES	ž	ST	STANDARD DEULATION	STANDARD & F 2-TAIL & T DEGREES OF 2-TAIL & T ERROR & UALUE FREEDOM PROB. & UALUE	<b>*</b> *	P. P. C. B.	2-TAIL PROB.	> !   H H	T T T	FOREES OF	2-TAIL #	VALUE	DECREES OF FREEDOM	2-Tall PR08.
UGT154	1-conta	100 2-E)	UGT154 1-CONTROL 2-EXPOSURE AGE:154 DAYS	154	Days • •	•		•			-2.0	••	8.286 g -3.60	-3.60	<b>:</b>	0.175
G	CROUP 2	N	41.3500		4.03	<b>\$</b> 5.7							<b>M 6</b> 4		1	1
WGT161	1-CONTR ROUP 1	M 2-63	WGTEL 1-CONTROL 2-EXPOSURE AGELLE DAYS GROUP 1 2 39.5588 12.799	191	DAYS 12.799	9.050			3		3	•	1 825	•	<b>3</b>	0.747
y.	GROUP 2	•	43.400		3.185	1.593						,				
UCT168	TIGS 1-CONTROL	30L 2-EX	UGT168 1-CONTROL 2-EXPOSURE AGE:168 DAYS GROUP 1 5-1-7899 6.877	168	DAYS 6.877	3.076		8	8		80°	•	1 1 1 1 1 1 1 1 1	61.4-	7. 21.	0.310
G	GROUP 2	^	45.500		3.186	1.174						į	•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
WGT175	1-CONTP	70. 8-EX	#GT175 1-COMPOL 2-EXPOSURE AGE:175 DAYS GROUP 1 5 42:1408 6:641	23	DAYS 6.641	2.97	* * •	4	96.		9	<u>a</u>	363	4	4	. 45
J	CROUP 2	r:	44.7285		3.381	1.278		8			;	2			2	;

è.661

e.452

6.622

9.678

The second of th

6.52B

8. 238

0.435

2-TAIL PROB.

POOLED UMPTANCE ESTIMATE & SEPARATE UMPTANCE ESTIMATE UALUE FREEDOM 6.49 6.00 8.05 6.28 5.51 6.48 6.31 -1.14 -0.64 -0.52 -0.45 -8.46 -0.80 -0.68 T DEGREES OF 2-TAIL VALUE FREEDOM PROB. 9.582 0.247 ●.398 **6**.628 9.466 0.641 e. 464 9 9 • <u>..</u> 9 1 9 -9.88 -0.56 -0.90 -8.57 ÷. 76 -8.48 -1.23 UALUE PROB. 2.45 0.313 2.26 0.355 2.86 9.242 2.79 0.253 0.141 2.27 4.353 2.49 0.305 3.85 STANDARD ERROR 1.274 1.535 2.905 1.526 ÷.36€ 2.738 1.538 3.07 1.558 3.415 3.328 1.439 5.848 1.653 UMBLE NUMBER STANDARD
OF CASES HEAN DEUTATION
WET182 1-CONTROL 2-EXPOSURE AGE1182 DAYS
GROUP 1 5-EXPOSURE AGE1182 DAYS 4.069 1+COMTROL 2+EXPOSURE AGE:203 DAYS
GROUP : 5 41.6000 6.865 4.060 4.038 3.867 1+CONTROL 2+EXPOSURE AGE:231 DAYS 2ROUP 1 5 43.0000 6.593 4.375 3.372 1-CONTROL 2-EXPOSURE AGE: 196 DAYS
GROUP 1 6-123 41.324 1.COMTROL 2-EXPOSURE ACE:210 DAYS
41.3240 6.585 7 1.COMTROL 2.EXPOSURE AGE 1217 DAYS
GROUP 1 5 41.3800 6.741 1+CONTROL 2+EXPOSURE AGE:224 DAYS
GROUP 1 5 42.6466 7.441 4.123 44.0599 44.5143 44.5285 44.6857 43.3857 42.8428 GROUP 2 5 anoan € 40042 SPCUP & GROUP 2 S POST 467217 WC719E UCT203 **JCT224 JCT231** 

Table A.3 (continued)

Table A.3 (continued)

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STEMATE 2-TAIL PAOB.	159.0
* POOLED UMPLANCE ESTIMATE & SEPARATE VARIANCE ESTIMATE  STANDARD X F 2-TAIL & T DECREES OF 2-TAIL & T DEGREES OF 2-TAIL & T DEGREES OF 2-TAIL & PROB. X VALUE FREEDOM PROB.	159.0 78.6
SEPABATE T VALUE	
STIMATE A	
UARIANCE E DEGREES OF	
POOLED	5.0
2-TAIL PROB.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Marine	1.94
***	****
STANDERD STANDERD	2.894
STANDARD	238 DAYS 6.471 4.658
<b>16.94</b>	41.6600 41.6600 43.257:
HUMBER OF CASES	790L 2-EXP.
Weinele	UGT238 1-COMTROL 2-EXPOSURE AGE:238 DAVS 6.471 2.894 8 8 94 0.448 8 -0.50 10 0.628 8 -0.47 6.87 0.651 GROLP 2 7 43,257; 4.650 1.758 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

Table A.3 (continued)

								-	DOOLED	POOLED VARIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UMPIANCE ESTIMATE	STIMATE
OARIABLE	<b>£</b> 0	AUMBER OF CASES	ZG GE	57A	STANDARD	STANDARD ERROR	r value	2-TAIL PROB.	JONE T	DEGREES OF FREEDOM	2-TAIL PROB.	JALUE	PEGPEES OF FPEEDOM	PPOB.
LGT245 1.COMTPOL 2.EXPOSURE AG GROUP 1 5 41.400 GROUP 2 7 43.528	OFTEOL	5 6 K P O	5URE AGE:	6.348 6.348 5.703	6.348 6.348 5.783	2.839 2.155	1.24	477.0	-0.61	6	9.556	99.	 	6.567
ucT252 1+CONTPGL 2+EXPOSURE ACE:252 DAYS CROUP 1 48.2508 7.182	CONTROL	Z EXPO	ONTROL 2-EXPOSURE AGE:	- 252 - 252	4.95	3.591	2.11	69.5	22	r-	9.261	-1.17	5.16	6.295
UGTE66 :-CONTROL 2-EXPOSURE AGE:266 DAVS GROUP : 40.5750 7.685	CNTRCL	2.EXP0	59RE AGE:6 40.5750 46.3833	992	A.877	3.842	3.55	⊕. 2€6	85 20 80 80 80 80 80 80 80 80 80 80 80 80 80	œ	<b>9</b> .153	-1.39	7	9.238
UGT273 1-0 CROUP 1	ONTROL	2-ExP0	GROUP 1 4 SECTOS DAYS CROUP 1 4 35.6.76 9.842 CROUP 2 6 46.46.46.833	273 0	A.E33	3.921	3. <del>4</del> 3	0.218	-1.67	æ	. 133		m T	8.214
UCT288 1-CONTROL 2-EXPOSIME AG GROUP 1 4 40.050	CONTROL	2 - E XPO	SUME MGE: 3		DAYS 7.448 3.564	3.724		0.146		<b>co</b>	کا د: وه	-1.69	3.93	9.185
4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10047800	2-ExP3 4 4	-EXPOSURE PAGE:	26:283 26:283 26:283 26:283	2.287 2.887 4.586	3.643	2.52	e. 392	-1.75	,	69	-1.66	<b>4</b>	9 159
GROUP 1	CONTROL	2 E X PO	1.07MTROL 2.EXPOSURE ACE:294 GROUP 1 4 40.3254 GROUP 2 5 47.0833	; <b>6</b>	2.135	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.5	<b>9.</b> 33 <b>9</b>		œ	860	-1.69	4.56	0.152

Table A.3 (continued)

T-TEST FOR F4-2 MALES

							,	•	•			
UAP I ABLE	HUMBER OF CASES	Æ	STANDARD	STANDARD ERROR	* * *	F 2-TAIL UALUE PROB.	I VALUE	DECREES OF 2-TAIL  FREEJON PROB.	F 2-TAIL	CALUE	DECREES OF FREEDOM	PROB.
UGT301 1.CONTROL 2.EXPOSURE PGE GROUP 1 4.2.2750	NARCE 2-EXPC		30: Days 6.380	3.190		0 17 4 469	ر د د	۰	26.5	-1.16	5.10	9.297
SROUR 2	s	46.6206	4.328	1.936								1
UCT308 1.50M7801 2-EAP3514E ALE	MTROL C-EAPO		30E LAVS 7.016	3.508		0,00	7	,	615.0	-1.29	4.55	. 252
S ACCAD	v	47.8000	4.025	1.802	; • # #			•			1	
UCT315 :-CONTROL 2-EXPOSURE AGE GROUP : 4-13-3750	MTROL 2-EXPO		315 2445	3.553	***	040	, ,	,	6 6	-1.36	4.40	<b>9</b> .264
S ALLOND	v	48.5000	3.857	1.725	; • • •					1	1	1
UGT322 : CONTROL 2-EXPOSURE ASE GROUP : 4 43.2000	MTROL Z-EXPO	SURE AGE:	: 322 DAYS 8.144	4.878				7	85.0°	61.1-	4.22	<b>9</b> .298
SROUP S	w	48.5409	4	1.842		199. <b>.</b>					1	
UGT329 1-C3MT#9L 2-EXFCSURE AGE	MTROL 2-EXFC		329 Davs	3.619		36. 4	, ,	٧	6000	-1.25	4.38	€.278
SPCUP 2	v	48.8400	3.909	1.748	, , , ,	3.43 6.503						

فيحفظ المقطيط والمقاميين بمعطوه والمراج من يرجونوا البراء والمراضعة والمراق المراهب من المرافعة المراهب مناطق المراهب المراهب

Table A.3 (continued)

1-TEST FOR F4-2 MALES

UARTABLE NE	NUMBER OF CASES IN	£.	STANDARD DEJIATION	STANDARD ERROR	97785 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F 2-1AIL	# POOLED	POOLED UARIANCE ESTIMATE &  T DEGREES OF 2-TAIL &  LAILE FOREPART	STIMATE :	SEPARATI	POOLED CARTANCE ESTIMATE & SEPARATE CAPIANCE ESTIMATE  T DEGREES OF 2-TAIL & T DEGREES OF 2-TAIL	STINATE 2-TATE
UCT336 1.CONTROL 2.EXPOSURE ACE:336 DAYS GROUP 1 4 43.6500 6.910	L 2-EXPOSURE	ACE:3	36 DAVS 6.910	3.455	**		-			CALUE	FREEDOM	800
GROUP 2	5 48.780	7800	4.107	1.837	1 2.83	2.83 0.341	-1.39	^	9.206 1	-1.3	4.66	8.247
UCT343 1-CONTROL 2-EXPOSURE 45E:343 DAYS	. 2-EXPOSURE 45	456:3-	43 DAVS	7.686			• •		# # # # # # # # # # # # # # # # # # #			
2 എറു	5 48.7200	7200	3.978	1.79	3.43	9.264	3.43 0.264 g -1.30	^	0.234 E -1.21	-1.21	4.38	0.291
UC7350 1-CONTROL 2-EXPOSURE AGE: 350 DAYS GROUP: 4 2.6250 7 629	2+EXP05URE 4 42.6	AGE:35	30 DAYS 7 629	3.814								
CROUP 2	5 48.300	•	4.479		<b>8</b> .0	2.90 0.330	-1.40	7	9.204 1	-1.32	4.62	245

Table A.4 Body masses for F4-2 female mice.

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28000 28000 28000 28000	1 - STATUS						- '	POOLED	POOLED WARIANCE ESTIMATE	STIMATE	E SEPARAT	SEPARATE VARIANCE ESTIMATE	ESTIMATE
UARTABLE	•••	NUMBER OF CASES	4E GN	STANDARD	STANDARD	ב השנת <b>ב</b>	2-TA]: PR08.	T T	PEGREES OF	2-74[L	9(1)€ - (1)€ - (1)	DEGREES OF FREEDOM	2-TAIL PROB
1197	1.CONTROL 2.EXPOSU	11 11 11 11 11 11 11 11 11 11 11 11 11	RE ACE 5.8182	:7 DAVS	96.938				9	970			6 5 C
	E droge	2	3696.S	9.570	9.180	98.5	, ,		2	3		•	
8 1 2	GROJE 11 11 11 11 11 11 11 11 11 11 11 11 11	901 2.EVE	8:364 8:364	8 DAVS	<b>9.</b> 353					0		~ •	9
	5 98095	16	6.0400	9.696	0.218		97.						
6130	1+CONTROL 2+EXPOSU GROUP : 11	90∟ 2•ExP	905URE AGE:9	9 pavs 1.289	9.389	•			!			4	40
	S AUCAD	16	6.7400	€.975	9.276		8.255	<u>.</u>	2	96.0.9	<u> </u>		
5112	1-SONTROL E-EXPOSU	ROL Z-EXPOSU	9.51:1	12 DAYS	0.454					6	<u>-</u>	* T	9.285
	S PUDAR	φο	8.9500	6.588	8.5.8		אר היים אר היים אר היים		ŗ,	663.	:		
46713	#413 1.00#7801 2.EXPGSU	POL 2-EXF	POSURE MGE:13	13 DAVS 1.535	8.512	34 04 0				007	30	50 c1	977
	SROUF 2	œ	9.4750	6.873	6.309	,							
4CF24	1.COMTROL 2-EXPOSU	ROL 2-67P	905JRE AGE:14	14 DAVS 1.747	6.527			0		9	9	18.64	9. 70
	SPCUP 2	<b>9</b> :	9.9360	6.373	9.434	) -		6.6	?	}	;		
UG715	UG715 1-CONTROL 2-EKPCSU	PCL Z-EKP	2050RE AGE:15	15 3AVS 1.8:7	8+5-0						6		4
	SROUP 2	?	10.6100	1.419	3.449	1.64	9/•.0	9 9	2.	Ų.	) ) )		•

Table A.4 (continued)

4 - C	9.403	6.283
TIPLS 3) STEWDARD I TO THE TOTAL STEED STEWDARD IN THE STEED IN THE STEWDARD I	1.44 0.593 # 0.85 19 0.408 # 0.85 18.87 0.403	1.11 18.26 0.283
. 197	88.6	= =
i u	<b>8 ♦ •</b> • • • • • • • • • • • • • • • • •	0.29 <b>0</b>
CEGREES OF	20.0	6.29
, on	38.0	O) 
He 44		
3. TAIL	685.6	1.85 6.37
<u>د</u> و ب	1	1.85
CTANDARD CDAND	6.523 <b>8</b> 6.523 <b>8</b> 6.523 <b>9</b>	6.576
STANDARD	E ACE: 16 DAYS 3000 1.754	RE AGE:20 DAYS 3.5364 :.891 0.570 E 1.8 2.7400 1.391 0.440 E
, .	05URE ACE: 16 DA 11.2000	1+COMTROL 2+EXPOSURE AGE:20 DAYS 0UP 1 11 13.5364 :-891 0UP 2 10 12.7400 1.391
0.3 day 2	100 S+EXPO	ROL 2-EXP 11
JOE! ABLE	GPOJP 1 1.20MTROL 2-EXPOSURE ACE:16 DAYS GPOJP 1 11 1.3400 1.754 GROUP 2 10 11.2000 1.461	46720 1+COMTROL 2+EXPOSUI GROUP 2 10 11

Table A.4 (continued)

T-TESTS FOR F4-2 FEMALES

GROUP 2 - 51ATUS	5 - 5TA	£105							F POOLED	POOLED UARIANCE ESTINATE		E SEPARATE	# SEPARATE UNKIANCE ESTIMATE	>- 1941E
UARIABLE	Į.	Συ	NUMBER OF CASES	NESE	STANDARD PEULATION	STANDARD ERROR	# PE	2-TA1L UE PROB.	T T T	DEGREES OF FREEDOM	2-TAIL PPOS.	VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
UG72:	S-1 CROUP 1	OMTROL	. 2-EXPO:	SURE ACE: 2	UGT2: 1-COMTROL 2-EXPOSURE AGE:21 DAYS GROUP 1 11 13:9727 2.657	6.629	- m	000		<u> </u>	6	=======================================	17.45	476.0
•	€ 4008 <b>5</b>		•	19 13.1200	1.360	0.430				2			-	
UGT22	GROUP 1	ONTROL	2-EXP0	UGT22 1.CONTPOL 2.EXPOSURE AGE:22 GROUP 1 11 14.3182	22 DAYS 1.945	9.586	- 4		•			-	19.21	445.0
•	GROUP 2	•	•	13.3800	1.365	6.432				3			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
<b>UG7</b> 23	CROUP 1	ONTROL	Z-EXP0	ACT23 1-CONTROL 2-EMPOSURE ACE:23 GROUP 1 11	23 DAVS 1.986	6.575		!			800	20	18.15	0.301
J	GROUP 2		•	GROUP 2 10 13.9500	1.379	9.436	 			2				
WGT26	SROUP :	ONTROL	2-EXPO	#4726 1-CONTROL 2-EXPOSURE AGE:26	26 DAYS 1.586	9.561		!			47.	-	18.39	6.183
J	GROUP 2	4-	<b>60</b>	8 15.2125	9.896	0.285	2. 	\$60.00 0.00		<u>.</u>		?		
<b>167≥</b> 7	1 400m	ONTROL	2-EXP0.	UGT27 1-CONTROL 2-EXPOSURE AGE:27	27 DAVS 1.698	9.512		:			000	20 20	000	₩.394
J	GROUP 2 10		1.0	15.7800	1.416	6.448	* * * * * * * * * * * * * * * * * * *	70.P	9 6 6 6	•				1 1 1 1
WGT28	1 400m	CNTROL	2-EXP0	1-CONTROL 2-EXPOSURE ACE:28 GROUP 1 9 16-6889	28 DAYS	6.495		•			عرد عدد	ر د د	12.34	6.728
v	GROUP 2		œ	16.4875	<b>0</b> .775	6.274	8	8		:	<b></b>			1 1 1
<b>67.73</b>	SROLF :	ONTROL	2.EXP0	uG729 1.COMTROL 2.EXPOSURE AGE:29 GROLF : 10 17.8600	29 DAVS	6.647					770	60	4.62	6.240
3	CROUP 2		0	16.8555	1.527	6.568	×	A 24	D	•	2	) ;	)	

Table A.4 (continued)

A Table	<b>4</b>	7 6	NUPBER OF CASES	¥	۰ <u>۶</u>	STANDABE DEULATION	STANDARD ERROR	 railes 301es	FROB.	٧.	19:0E	T DECREES OF 2-TAIL BURLE FREEDOM PROB. C	2-TATL #	JOHN	STANDARD & F 2-TAIL & T DEGREES OF 2-TAIL & DEGREES OF 2-TAIL ERROR & UALUE FREEDOM PROB. & JALUE FREEDOM PROB.	2-TAIL PROB.
UGT38	CROUP 2	CONTROL 1	9 6	GROUP 2 9 17.6333 1.518	9. 	AGE:30 DAYS 600 1.838 333 1.518	9.591 x 1.47 6.661 x x 1.47 6.661 x x 1.47 6.661	 . 4.	6.601		1.06	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00		1.07	16.89	865.6
uc133	1-CONT CROUP 1 CROUP 2	CONTROL		UGT33 1+CONTROL 2-EXPOSURE AGE:33 DAYS UGT33 3 1+CONTROL 2-EXPOSURE AGE:33 DAYS 19.4000 2 2-263		DAYS 2.263 1.167	9. 4.	 3.76	3.76 0.128	-	9 . 96	6.96 13 6.953 88 88	<b>9</b> .953	9	UCT33 1-COMTROL 2-EXPOSURE AGE:33 DAYS  CROUP 1 8 19.4000 2-26.3 0.800 1 3.76 0.128 1 0.06 13 0.953 1 0.05 0.951  CROUP 2 7 19.3428 1.167 0.441 1 1 1	0.951

Table A.4 (continued)

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TESTS

SPOUP SPOUP	GROUP 1 - STATUS GROUP 2 - STATUS	747US 747US						(		F POOLED	POOLED VAPIANCE ESTIMATE	STIMATE 1	SEPARATI	SEPARATE UARIANCE ESTIMATE	STIMATE
UMRIABLE	376	<b>1</b>	NUMBER CF CASES	A A A	~'\ <u>\</u>	STANDARD	STANDARD ERPOR	* CPLUE	2-TAIL PROB.	a Jacut	DEGREES OF 2-TAIL FREEDOF PROB.	2-*A1L PROB. 1	CALUE	DEGREES OF FREEDOM	PROF.
UCT35	CROUP 1	15	2-ExP05	SURE AGE 28.8400 20.2555	55 55 55 55 55	DAYS 2.214 1.997	• . 7 <b>•</b> . 666	1.23	0.782		1.2	9.555	6.6	<b>8</b> .7.	0.553
UGT36	CROUP 1	UGT36 1-CONTROL 2-EXPOSURE AGE:36 GROUP 1 10 21-2500 GROUP 2 9 26.7555	ONTROL 2-EXPOSU	SURE AGE 21.2500 28.755	96E:36	2.058	9.651 9.616	5	9.776	**************************************	£ 5	8.59 <b>6</b>	55.0	17.86	1 60 1 1 60 1 1 1 1 1 1 1 1 1 1 1 1 1 1
UGT37	CROUP 1	UGT37 1-COMTROL 2-EXPOSURE AGE:37 GROUP 1 18 21.6786 GROUP 2 9 20.8333	2-ExP05	SUPE AGE 21.6700 20.8333	06 : 37 90 : 33	2.397 2.397	8.75 9.576	8	9.370		<b>C</b> 1	• •	88 8.	16.29	6.393
4 1	GROUP 2	UGT40 1.COMPOL 2.EXP95URE GROUP 1 8 21.7 GROUP 2 7 21.6	2-EXP05	SURE AGE 21.7500 21.0286	•	DAYS 2.396 1.469	6.847 6.555	<b>35</b> ∾	6.254	69	E1	6.503	•.71	11.77	. 498
14101	T41 1-00	<u> </u>	18 2.EXPOSUI	SURE AGE 22.7800 21.2000	4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4	DAYS 2.832 1.557	6.896 9.519	3.31	9.196		21	6.157	1.53	14.25	0.140
UG142	GROUP 1	DALLEG	2-EXP05	SURE ACE 23.8600 21.4555	00E 142	D4YS 2.966 1.787	6.938 6.596	. 76	00 1 9 1 1 1	35	7.1	. : 93	 96	20.	9.185
	GROUP 2	10 di 1	2 - ExPosure 2 - 9	SUPE AGE 23.8800 21.422	222	3.133 1.994	.991	# # # # 5.5	0.215	90.	1.7	6.192	1.39	:5.39	÷ .

Table A.4 (continued)

CAR!ABLE	F uc	NUMBER OF CASES	AE AN	STAMBARD DEVLATION	STANDORD ERROR		velue	2-141L PRGB.		VALUE	FREEDOM	2-TA11	* # #	4. UE	STANDARD 8 F 2-TAIL 8 T DEGREES OF 2-THIL 8 T DEGREES OF 2-TAIL ERROW 8 VALUE PROB, 8 VALUE PROB. 8 JALUE FREEDOM PROB.	2-TAIL PROB.
UGT44 1-	5.	Z-EXPC	SURE AGE: 44 DV	SURE AGE 14 DAVS 8 1 8 1 8 1 8 1 8 1 96 15.96 0.304	9.836			6		•		6.313	~ ~ =	1.06	**************************************	.364
GROL	GROUP 2	ø	21.9556	1.813	0.684		}									
						:		1 1 1 1 1 1	1				-			:

Table A.4 (continued)

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GROUP GROUP	GROUP 1 - STATUS GROUP 2 - STATUS	TATUS FATUS							BOOLED	UARTANCE E	STIMATE	SEPARATI	POOLED UARTANCE ESTINATE & SEPARATE UARTANCE ESTINATE	STIMATE
UAR TABLE	3	3 u	40#BER OF CASES	N W	STANDARD DEULATION	STANDARD	ב משותב	2-TAIL E PROB.	ב ל ב טיפנטנ	DECREES OF FREEDOM	2-TAIL PROB.	JALUE	DEGREES OF FREEDOM	2-TAIL PROB.
26747	400 <b>8</b> 3	SONTROL	2 - EXPC	OSURE AGE	40747 1-50MTROL 2-EXPOSURE AGE:47 DAYS CROUP 1 8 23.2500 2.571	505.0		<b>9</b>		<u>-</u>	8 32F. 8	¥	12.31	e. 314
	S AUCAD	۶	,	22.0714	1.738	6.657					}			
84100	GROUP	MGT48 1.COMTROL 2-EXPOSURE 6	2.EXP(	23.3875	AGE: 48 DAYS	9.86				-	4.6		11.26	0.457
	S 900 GR	~	~	62.6:43	1 . 368	6.517				·			1	
2	CBOUP	UG-49 1-COM-ROL 2-E KPOSURE (	2 · E < P(	OSURE AGE	AGE: 49 DAYS	1.045				1.2	6.194	-	12.79	9.184
	CBOUP 2	2	<b>o</b> *	82.6778	1.49	.497	;							•
151.03	UCTS® 1	GROUP 1 1-COMTROL 2-EXPOSURE 0	2-EXP	05URE AGE 150	150 DAVS	\$86.0		9		( )	204	36	14.56	0.194
	CROUP 2	∾	ø	22.9556	1.781	•.594				•				; ; ; ;
<b>U</b> GT51	CR3UP	UGTS1 1-CONTROL 2-EXPOSURE GROUP 1 10 25.6	2.EXP(	05URE AGE:51 25.8488	:51 DAYS	6.987					6.7	45	16.05	9.167
	SPOUP 2	~	0.	23.2667	2.:2	6.723	ř.		·		 !			
<b>5</b> 6.75	CROUP	.CONTRO.	2.EXP(	UCTSS 1CHTROL 2-EXPOSURE AGE:55	155 DAVS 3.877	1.286				,	60.1	99	14.97	0.131
	GROUP 2	~	<b>o</b>	24.2778	2.333	8.6.0				·			4	
3	Poor.	MGTS6 1.COMT40L 2-EXP05URE 3ROUPE 1 10 27.6	2-EXP	05URE AGE	AGE:56 DAYS	3.276				ũ	\$\$ <b>9</b> .		:4.73	9.055
	SROUP 2	2	<u>о</u>	24.4333	2.355	9.785			) ]					

Table A.4 (continued)

	<b></b>	NUMBER OF CASES	2	STANDARE DEJIATION	STANDARD ERROR	ב משנת	20 1	- La	THO THE	1 DECARES 3	- A - C - C - C - C - C - C - C - C - C	JALUE.	STANDARD I F 2-TAIL I T DEGREES F TAIL B T DEGREES OF 2-TAIL ERROR I UALUE PROB. I UALUE PROB.	PROB.
UCTS?	A SUP 1	UGTS? 1.COMTROL 2-EXPO	5.00E	ACE:57 DAYS	1.538		<u>د</u> و		5	<u>,</u>	3.133	1.65	4 OC 0 m34 H 150 17 3.131 H 165 12.76	6.124
ق	GROUP 2	œ.	25.0778	2.183	<b>9</b> .728									
UCT58	1 - CON	UGT58 1-CONTROL 2-EXPOSURE GROUP 1 10 28.1	POSURE AGE 1	05URE AGE:58 DAYS 28.1188 5.157	1.631					Ç	***		4 C C C C C C C C C C C C C C C C C C C	
Ü	S QUORS	Ç <b>s</b>	24.9778	2.802	6.934	1 1	P	• • •		-		•		

Table A.4 (continued)

1000	1 - STATUS							POOLED -	POOLED VARIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UAR: ABLE	i <b>e</b> le	NUMBER 3F CASES	HE AR	STANDARD LEUIATION	STANDARD ERROR	###   €     •   •	2-TA][	UALUE -	DEGREES OF FREEDOM	PROB.	USIUE	EEGREES OF FREEDOM	PROB.
uc761	UGT61 1-COMTROL 2-EXPOSURE AG	NOL 2-EXPC	26.2143	E 161 DAYS			60	6	2	6.929	66	11.16	<b>6</b> .989
	GROUP 2	<b>r</b> ·	26.1698	1.976	⊕. 747				!				; ; ;
CGT62	GROUP 1 7 26.714	CC Z-EXPC	36.7143	E:62 24YS	e.994			•	<u>"</u>	50.00	6	ex ex	6.835
	2 andas	۲	26.4286	2.372	6.897				<b>.</b>				
LGT63	9000.85 90.20x3+5 0.04*** 1	70, 2.€ (P)	> 18E AGE :(	E:63 DAVS	1.482		!		· ·	9.7	6	0 0 0	9.429
	≥ എറും	o	26.522	2.948	6.983	) ,	990		0				
46764	164 1-50NTROL 2-EXPUSURE AGE:64 DAYS	PAX3-E TOU	EXPOSUME MAE:	32E.4	1.442		464 4			. ללה פ	20° 6	14.84	ø.373
	CROUP 2	6	27.:222	3.244	1.681				2	: !			1
UCT65	### 1.50NTROL 2.EXPOSURE AGE:65	01. 2.£xPQ	-EXPOSURE ACE:	65 DAYS 4.160	1.387		;	· · · · · · · · · · · · · · · · · · ·	. <b>4</b>	6	99	14.20	6.388
	S GROUP 2	c	27.7889	2.867	9.956		11 <b>6</b> 313		2			1	1 4 4 5
LC769	1-COMTROL 2-E FPOSURE AGE:69	TOL 2-E CPG	E 4PGSURE AGE:6	69 DAYS 3.885	1.268		0.00	20	ų.	4 294	6.76	15.38	6.495
	2 dno <b>a</b> 5	ري.	29.622	3.106	1.035			; ;	:		, , , , , , , , , , , , , , , , , , ,	1	
46776	TRE 1+CONTRCE 2+EXPOSURE AG GROUP 1 9 96-966	9 10 2 EXPO	5-8-36-86 ACE:	E:78 D475	8-5-1			6 6	9.7			15.48	9.362
	SPCLP 2	٥	23, 1889	3.188	1.06.				<u>}</u>	-			

Table A.4 (continued)

UMRIABLE	NUMBER OF CASE	MUMBER OF CASES MEAN	* <b>3</b>	STANDARE DELIATION	STAMBARD ERROR		PRIVE	e-teil Prob.		THE THE	DEGREES OF	2-TAIL PROB.	5	ב ב ה ה	STANDORD # F 2-TELL # DEGREES OF 2-TAIL # T DEGREES OF 2-TAIL # T DEGREES OF 2-TAIL # FREEDOM PROB. # UALUE FR	2-TAIL
640UP 1	#17801. 2	1+CONTROL 2-EXPOSURE MGE:71 DAYS	10 10 10 10 10 10 10 10 10 10 10 10 10 1	DAVS 4.651	1.645			1								
GROUP 2	œ	29.01	125	3.123	104	-	ນ ນ	S.F. 9		\$ •	6.66 0.35 m 6.75 14 3.465 m 6.75	9.465	<b>&amp;</b>	u. r	12.25	9.467
UGT72 1-CONTROL 2-EXPOSURE AGE:72 DAYS CROUP 1 8 31.8960 4.472	NTROL 24	1.89	16E 172	DAYS 4.472	GE:72 DAYS 1.581 E				-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		;	1		
S PUCAS	<b>0</b> 0	29.3875	25	3,290	1.163	* * =	%	1.65 8.437 K 1.23 K		1.23	<u>:</u>	<b>8</b> .239	~	1.23	12.86	0.241

Fable A.4 (continued

	GROUP 1 - STATUS GROUP 2 - STATUS	TATUS TATUS							# POOLED	POOLED VARIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE VARIANCE ESTINATE	STIRATE
UARIABLE	316	28	NUMBER OF CASES	HE & L	STANDARD	STANDARD ERROR	א ל א ישרטני	2-T4IL PROB.	# T	DEGREES OF	2-7A1L PP08.	UALUE	DECREES OF FIPEEDON	2-TAIL
JC17	1045	uct76 1-com780L 2-EXPOSUR GROUP 1 8 31	2-ExP05	UPE AGE:	E AGE: 76 DAYS	1.71	,	900	<b>**</b> ** ** ** ** ** ** ** ** ** ** ** **	•	. 224	1.27	12.51	6.227
	SACUP 2	n)	<b>6</b> 0	29.3250	3.275	1.158								
LC177	1+C	1+CONTROL 2+EXPOSURE 46E:77 GROUP 1 8 31-9875	2-EXPOS	UPE AGE:	77 Days 4.674	1.652		000		1 1 1 1 1 1 1 1			. O	444
	S GROUP 2	~	œ	23.699	2.978	1.053						:		
£ 5	GT84 CROUP	:-CCM-RCL 2-EXPOSURE 4GE:84 GROUP 1 8 33.7625	2-ExP054	UPE 4GE:1	84 DAYS 5.395	806.1				-			18.72	•
	CPOUP 2	nu a	α,	31.9125	2.895	1.922		-	6 •			}		
6.0	UGT9: 1	1-CONTROL 2-EAPOSURE AGE: 91 GROUP 1 8 35.9875	2 - E 4P051	15.9875	91 DA75 5.086	862.:		1	4		ασ. •	G	13.29	96.399
	GROUP 2		œ,	33.9875	4.022	: . 422	<u>.</u>	E : 55	•	•				
8	CBOUP	UCT99 1-CONTEN 2-EXPOSURE ACE:99 CROUP 1 37,3285	Z-EXPOS	JPE ACE 1	99 DAVS	1.787		:			569	<b>6</b>	6.	9.626
	2 <b>5</b> 0 <b>5</b>		r 	36.2428	3.224	1.218		¥.7.			639.	3		
CT:	SE CROCE	UCT165 1-CONTROL 2-EXPOSURE ACE:105 GROUP : 5 38-4800	2-EXPOSI	JPE ACE:	105 pavs 5.331	2.384			9	# CX	4 4	60	90.9	9.456
	S PUCAD		ניז	36.3400	2.763	1.235				<b>5</b>	}			1
5	UG7:12 1-3 GROUP 1	2 1-30MTROL 2-EXPOSURE PGE:112	2-ExP051	USE AGE:	112 DAYS 5.780	2.360		}		4	6	σ <b>•</b>	28.6	9.389
	5 anos		•	38.650	3.244	1.324	20 27 27	<b>16.</b> 631	76.90 F	₽ <b>-</b>	rgr.		•	

JIENIUS	FLE	5 8	NUMBER OF CASES	¥	96.5	STANDARD DECIATION	STANDARD ERROR	3	F 2	PPOB.	- F	משנתנ	FEGPEES OF	2-TA1L PROB.	t calls	DECREES OF FREEDOM	PROB.
57.1	T S	UCT119 1-CONTROL 2-EXPOSURE GROUP 1 6 39.4	2 • E x P G	39.4667	1119	AGE 1119 DAYS	2.00	- H H	<u>~ -</u>	600		6.53	•	9.6€5	0.53	8.86	6.667
	CROUP 2	~	•	38.1667		3.380	1.38	,	}							,	; ; ; ;
UCT12	CPOUP	-CONTROL	Z-EXPC	UCTIES 1-CONTROL 2-EXPOSURE AGE:126 GROUP 1 6 40.3500	1126	DAYS 4.201	1.715		7	9.715		45	91	9.665	# # # # # # # # # # # # # # # # # # #	5, 6	. 665
	CROUP 2	2	y	39.3500		3.537							, ,				
<b>C113</b>	3 POUP	ucti33 1-control 2-Exposure &Poup 1 3 40.8	2 - E x P Q	5URE AGE 40.8667	:133	AGE:133 DAVS 1667 4.481	2.587		7	162		86	•	●.384	# 0.98	2.35	6.432
	GROUP 2	N	m	38.2333		1.331	6.769		}					1	***	1	! ! !
F671.4	S. C.	LCT140 1-CONTROL 2-EXPOSURE GROUP 1 3 42.4	2-ExP0	SUPE AGE 42.0667	AGE:140	DAYS 4.179	2.413	* * *	0	6	-	**	•	9.14	1.84	2.13	9.208
	GROUP 2	٨	e	37.5667		9.756	6.437		·				4		**		
UCT14	2,000	UCT147 1+CONTROL 2+EXPOSURE GROUP 1 3 42.5	2.EXPG	SURE ACE	ACE:147 5000	DAYS 3.465	2.061		6	3	* * *	9	•	6.642	2.96	6.33	6.658
	5 90000	N	е	36.3333		1.8	9,13	-							-		!
WCT15	5	MCTIS4 1-CONTROL 2-EXPOSURE (CROUP 1 3 44.0)	2-ExP0	SURE AGE 44.0333	AGE:154 9333	Devs 3.669	2.118	***		•		5.62	•	6.859		3.06	6.479
	2 mos	~	e.	37.7333		.: 96	1.132	` • ≈ ∺			<b>.</b>					1	1
251150	1 1003	ROUP 1 44.4	2°EXPO	SUPE ACE 44.4500	1911	AGE:161 DAYS 1500 4.413	2.20		¥	973		ã	va	6.120		1 5.36	9.130
	S PUDDE	~	•	35.5750		3.874	1.537	• * *				5				, , , , , , , , , , , , , , , , , , ,	

Table A.4 (continued)

Table A.4 (continued)

CROUP 1 - STATUS CROUP 2 - STATUS	STATUS STATUS	•				F POOLED	POOLED VARIANCE ESTIMATE		SEPARATE	E SEPARATE VARIANCE ESTINATE	STIMATE
TIEVI DON	MUNIBER	ES PEAN	STAMBARD DEUIATION	STANDARD :	F 2-Tall UALUE PROB.	SUPPLIES TO SECURE	DECREES OF FREEDOM	2-TAIL PROB.	∪ACUE	PEGREES OF	2-TAIL PROB.
UGTSES 1+C	UCTISS 1-CONTROL 2-EXPOSURE / CROUP 1 7 44.36	EXPOSURE AGE: 44,3999	AGE:168 DAYS 999 3.140 285 4.903	1.187	2,44 0.362	****	3.2		<del>.</del>	10.21	€.193
uctivs 1+CC GROUP 1 GROUP 2	1-CONTROL 2-1	UCT175 1-CONTROL 2-EXPOSURE AGE:175 GROUP 1 7 44.5000 GROUP 2 7 46.8000	175 DAYS 2.918 3.976	1.103	1.86 0.470	O	1.2	<b>6.97</b> 1			6.673
WGTIS2 1+37	CONTROL 2-6	#GT182 1+00mTROL 2+EXPOSURE AGE:182 GROUP 1 7 41.3571	182 DAVS 3.686	1.393	1.66 0.554	99	12	0.312	9	11.31	6.313
467189 1-0	#67189 1-CONTROL 2-EXPOSURE 4 GROUP 1 6 40-64	:	ME 1189 DAVS	1.531 2.013	1.73 0.563	<b>4</b> 4 7 4 8 8	•	9.636	0 7 0	9.33	e.637
467196 1-0	UGT196 1-CONTROL 2-EXPOSUBE A GROUP 1 6 42.95	2-EXPOSURE AGE: 6-42.9500 7-39.0857	10E 1196 DAYS 190 3.131 157 4.139	1.278	1.75 0.557	00		88	6.	& . & .	6.082
GROUP 1	UCT203 1-CONTROL 2-EXPOSUME A GROUP 1 7 42.15	EXPOSUME AGE: 243	203 Days 3.278	1.539	1.54 6.636	8		69 88 87 87	96:	11.54	6.682
UGT210 1-00 GROUP I	UG7210 1-COMTROL 2-EXPOSURE A GROUP 1 7 41.21 SROUP 2 7 37.54	EXPOSUME AGE 1. 41.2142 37.5428	46 12 18 18 18 18 18 18 18 18 18 18 18 18 18	1.502	1.12 0.894	1.78	12	6	1.78	11.96	9.101

Table A.4 (continued)

UMETABLE	<b>1</b>	MUNBER OF CASES	HEAN	STAP DEUTA	STANDARD DEUTATION	STANDARD ERROR		F 941.1€	F 2-TAIL	9 :	יים ייי	FOREES OF	PROB.	CALUE	ECREES OF FREEDOM	PROB.
LETELT 1-CONTROL 2-EXPOSURE ACEIET DAYS	1	2.ExP051	URE AGE 12	25"	3.44 5. <b>99</b> 1	1.924		4	4	***	51.17	5	Ø.265	1.17	.6.	9.269
S. PUDAD	n)	•	39.8143		3.378	1.27			;				***			1 1
UGT224 1-CONTROL 2-EXPOSURE AGE:224	-control	2-ExP054	URE AGE 12	224 04	DAYS 5.244	1.982		ä	60		6	21	8.337 E	9.	11.68	6.339
S 400AD	~	·	40.7571		3.902	1.475							# # # P		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
UCT231 1+COMTROL 2+EXPOSURE 40E:231 GROUP 1 7-43-54-28	+CONTROL	2.ExPCSI	URE AGE:2	12.	DAYS 5.253	1.985		•	679		91.1	2	8.267	1.16	. 8. 8.	6.267
CROUP 2	~	۲.	48.3886	U,	5.175	1.956							##			1
43.0857 4.927 43.0857 4.927	CONTROL	2-EXPOSE	URE ACE 12	38 04	9VS	1.862		-	6 6		8	25	6.314	1.05	11.95	6.314
GROUP 2	N	,	40.2285	u	5.246	1.983							# # # # # # # # # # # # # # # # # # #	1	: : : : : : : : :	
######################################	CONTROL	2-ExP051	UPE ACE:2	45 04	5.184	1.959		ň	9		80	3	8.224	1.28	11.86	6.224
S 400P2	۵.		40.0714	U1	5.776	2.183		,		• • •			***			
UCT252 1-CONTPOL 2-EXPOSUPE ACE:252 DAYS CROUP 1 6 45.6666 5.487	CONTROL	2-EXPOSI	UPE ACE 12	25. DE	3.487	2.240		-	9		80	g	1 6.229	. 28	\$6.6	P. 229
S Proud 2	٦	9	41.7333	יט	5.130	2.894		:				<u>.</u>	**		1	1
			1 1 1 1 1 1	1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1									

Table A.4 (continued)

CROUP 1 - STATUS CROUP 2 - STATUS	2 - 5	TATUS TATUS							* POOLE	UMRIANCE	ESTIMATE	SEPARATE	POOLED VARIANCE ESTIMATE & SEPARATE VARIANCE ESTIMATE	STIMATE
VARIABLE	ıte	Σ, io	NUMBER OF CASES	ME AN	STANDARD DEULATION	STANDARD ERROR	 S G	2-TAIL PROB.	T TE UPLUE		DEGREES OF 2-TAIL FREEDOM PROB.	VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
UG 7266	s ancas	CONTROL		47.6833 42.7000	UGT266 :-COMTROL 2-EXPOSURE AGE:266 DAYS GROUP 2 6 42.7808 4.739	1.935	 1.82	1.82 6.987	## ## ## ## 000 1.00	•	6.697			6.897
467273	CROUP 1	-CONTROL	2-ExP05 6	47,3833 44,5333	JG7273 1-CONTROL 2-EXPOSURE AGE:273 DAYS GROUP 1 6 47.3833 5.137 GROUP 2 6 44.5333 5.780	2.097	 . r	1.27 6.892	<b>9</b>	•	9 388	<b>5</b>	98.6	9 388
MC.288	CROUP 2	-control	2-ExP05 6	48.2833 45.2665	UGT289 1:CONTROL 2-EXPOSURE AGE:280 DAYS GROUP 1 6 48.2833 5.189 GROUP 2 6 45.2666 5.167	2.119	 <b>6</b>	€ 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10	6.337		19.90	9.337
WGT287	2 anous	-CONTROL 1	2-ExP05 6	49.0333	WGT287 1-CONTROL 2-EXPOSURE AGE:287 DAYS GROUP 1 6 49.0333 5.285 GROUP 2 6 45.7000 6.787	2.158	 1.65	1.65 ♦.596	* * * * * * * * * * * * * * * * * * *	•	• 365	6.95	6 43	9.367
462:59A	CROUP 2	-CONTROL	2-EXP05	49.55@8 49.55@8 45.5667	467294 1-CONTROL 2-EXPOSURE AGE:294 DAVS GROUP 1 6 49.5500 5.735 GROUP 2 6 45.5667 7.380	3,813	 <b>3</b>	1.66 0.593	**************************************	6	0.321	9.	5.4.2	9.324

Talle A.4 (continued)

T-TE FOR F4-2 FEMALES

GROUP 1 - STATUS GROUP 2 - STATUS	STATUS STATUS							-	F POOLED	POOLED VARIANCE ESTIMATE	STIMATE :	E SEPARATE	SEPARATE UAPIANCE ESTINAT	5TI 11A1
UARIABLE	J. JO	NUMBER OF CASES	E P.	STA	STANDARD	STANDARE ERROR	A F 2-	2-TAIL PROB.	vatue	DEGREES OF	F 2-TAIL PROB.	# value	DEGREES OF FREEDOM	PROB
MGT361 1-CONTROL 2-EXPOSURE GROUP 1 5-649.	1-CONTROL	2.ExPOSURE 5 49.		361 0	AGE:301 DAYS 1600 5.382	2.407		69	22	œ	555	# # 0.67	7.15	6.52
CROUP 2	٥	'n	46.2490		7.718	3.451						46 46		1
MCT308 1-COMTROL 2-EXPOSURE GROUP 1 5 58.	1-COMTROL P 1	2-EXPOS	SURE AGE: 308	<u> </u>	DAYS 3.948	1.762			4	œ	5.4	9	6.57	9.54
s anows	~	v	47.8866		6.534	2.922		700	•		; ; ; ; ; ;			
UCT315 1-CONTROL 2-EXPOSURE	:-CONTROL	Z-EXPOS	SURE AGE: 315 50. 4260	315 D	DAVS 4.032	1.803		9		Œ	9	* * * * 0	6.3	9.69
S. PUOR	∩i ⊈	Ŋ	48.9200		7.086	3.169						1 1 1 1 1 1 1		
UCT322 1.CONTROL 2.EXPOSURE	CT322 1-CONTROL 2	2-EXPOSUR S S0	SURE ACE: 322	322 D	DAVS 3.808	1.703	!		4	œ.	602	95.0	6.28	6.59
CROUP 2	∾	ų,	48.9680		6.808	3.045	۵ ۵ ۲					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
UGT329 GROUN	2-CONTROL 2-EXPOSURE GROUP 1 5 51.	. Z-EXPOSURE	SURE AGE: 329 51.1800	329 D	DAYS 3.278	1.466	!			œ	6.66	## ## #0.	6.38	•.6
GROUP 2	<u>م</u>	v	49.580		5.709	2.53				•		M M	4 1 4 1 1 1	
UCT336 1-CONTROL 2-EXPOSURE GROUP 1 50.	1-CONTROL IP 1	2.EXPO	SURE AGE: 336 50.5000	336 [	DAYS 4.013	1.785	:		•	œ	£ 5. 8		7.19	6.73
CROUP	∩ <b>9</b> .	<b>U</b> r	40.400		<b>8.</b> 69 <b>.</b>	2.545				•			1	
ucr343 cRoup	1 9	5	51.5866	: : : :	3.568	1.596	:			6	000	,	4 4	6
2 40043	رم <u>م</u>	•			5.527	2.472	* ?.4	• • • • • • • • • • • • • • • • • • •	8 6.56	**	. 58	R -	•	;

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ा १८६४ - १८५० च्या प्रतिकामी आर्थिकिमोद्धार त्ये बीमार्थ स्थानिक क्षितिक स्थानिक क्षान्तिक कार्य प्रतिकास क्षम

Table A.4 (continued)

T-TEST FOR F4-2 FEMALES

TIMME	PROB.	8	
E POOLED UARIANCE ESTINATE & SEPARATE URBIANCE ESTIMATE	STANDARD : F 2-FAIL : T DECREES OF 2-FAIL : T DECREES OF 2-FAIL ERROR : UNLUE PROB.	7.70	
SE PARATE	VALUE	• 1	
STIMATE B	2-TAIL E	# # # # # # # # # # # # # # # # # # #	
ARIANCE E	FREEDOM	•	
POOLED U	VALUE	•.1	
<b>4</b>	2-TAIL E	# B 0.753 #	<b>es 16</b>
	CALUE	\$	<u> </u>
	STANDARD ERROR	2.001	2.473
	STANDARD STANDARD & F 2-TAIL & T DEGREES OF 2-TAIL & T DEGREES OF 2-TAIL & T DEGREES OF 2-TAIL & TREEDOM PROB. & VALUE FREEDOM PROB.	AGE 1750 DAYS 2600 4.676	8.530
	TE AS	SURE AGE 1	48.94
STATUS	NAMER OF CASES	UGT350 1-CONTROL 2-EXPOSURE GROUP 1 5 49.2	\$ 2 4
CROUP 1 - STATUS	UNRIABLE	ucrase a	S TOTAL

Table A.5 Body masses for Fl-2 male mice.

-TEST FOR F1-2 MALE	S
S-11 40	w
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S-11 40	æ
S-11 40	
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-TEST F	0
-7557	4
-7557	
-165	-
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F	·
- 1	F
	- 1

CROUP CROUP	- N	STATUS						-	POOLED	POOLED UARTANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UARTANCE ESTINATE	STIMATE
UARIABLE	BLE	کای	NUMBER OF CASES	£	STANDARD	STANDARD ERROR	CALCE	2-TAIL PROB.	SPECK SPECK	DECREES OF FREEDOM	2-TAIL PROB.	CALUE	DEGREES OF FREEDOM	2-741L PR08.
uc77	1+CC CROUP 1		12 - EXPOS	uG77 1+CONTROL 2+EXPOSURE AGE:7 DAYS GROUP 1 13 5.9538 6 GROUP 2 11 5.9545 6	7 DAYS 6.452 6.652	• 125 • 197	8.		*	22	€.998	*	17.4	866. ◆
#159	1+COP GROUP 1 GROUP 2	TB 1-CONTROL GROUP 1 GROUP 2	1-CONTROL 2-EXPOSURE GROUP 1 13 6-3 GROUP 2 11 6-3	6.3308 6.3308 6.3273	8 pavs 6.486 9.653	0.133	58	6.312		25	80 90 01 0	6	55 60 	1 00 1 1 00 1 1 00 1
UCT9	CROUP 1	-control	11	UGT9 1-CONTROL 2-EXPOSURE AGE: 9 DAVS GROUP 1 13 6.9677 0	9 DAVS 9.501	0.139	1.15	8.		28	6 4 5	&	21.76	6. 439
<b>4 1 1 2 3 3 3 3 3 3 3</b>	712 GROUP 1		1-CONTROL 2-EXPOSURE GROUP 1 13 8.8	8.6769 8.8545	12 Devs 0.332 0.330	260.0	-	.887	-1.3	22	<b>9</b> .2 <b>0</b>	1.3	21.46	9.8
UCT13	uctia 1-cc	1-CONTROL	1+CONTROL 2+EXPOSURE GROUP 1 13 8.5	SURE MCE113 8.9385 9.1727	13 bays 6.421	0.117		. 201	-1.43	25	<b>9</b> 3		21.95	9.16
71.50	UCT14 1-CI GROUP 1 GROUP 2	1-contract	1-CONTROL 2-EXPOSURE GROUP 1 13 9.1	9.0818	14 bays 0.556	0.154	 	0.707	. S	22	6.823	. S	21.94	.82
WGT19 GRO GRO	GROUP 1	1-corraol 1	GROUP 1 13 11.0	SURE ACE: 10.4461 11.0727	ACE:19 DAVS 461 1.251	6.347	2.57	.14	7	N.	9.164	-1.49	20.39	0.151

Table A.5 (continued)

VARIABLE	316	₹ų	NUMBER OF CASES		ž	STANDARD DEUIATION	STANDARD & F 2-TAIL & T DECREES OF 2-TAIL & T ERROR & UALUE PROB. & UALUE	> **		2-TAIL PROB.	 atue B	FOREEDON	2-TAIL PROB.	E VALUE	DECATES OF FREEDOM	PROB.	
UGT 20	1+COR	UGT26 1-CONTROL 2-EXPOSUBE AGE GROUP 1 13 11-6692 GROUP 2 11 11-5-691		rPosuPE 11.	·	Er 20 DAYS 2 1.393	6.3 <b>86</b> 6.362	~====	¥.	1.34 0.649	 	22	9.421	•	21.98	0.415	
<b>U</b> G721	1-CO GROUP 1	WGT21 1-CONTROL 2-EXPOSUME AGE:21 DAVS GROUP 1 9 12.4778 1.1 GROUP 2 7 12.4429 1.4	3.65	POSUME 12.	SUME AGE: 12.4778 12.4429		1.368 1.550		1.73	Ĵ	 	1.73 0.462 8 0.05 14 0.957		•	Sq. • 40. • .	6.95	
UGTEE	CROUP 2	GROUP 1 13.5273 1.2 GROUP 2 1.2 GROUP 2 1.3	13-67	POSURE 13.	13.5273	22 Date:	•.365 •.379		9	0.00 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 .	 8	25	.380	9.38	51.63	⊕.378	

Table A.5 (continued)

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ROUP	GROUP 1 - STATUS	TATUS TATUS							POOLED	POOLED VARIANCE ESTIMATE	ESTIMATE !	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UARIABLE	BLE	T VO	NUMBER OF CASES PEAN	MEDM	STANDARD DEUIATION	STANDARD ERROR	VALLE	2-TAIL PROB.	T VALUE	DECREES OF FREEDOM	F 2-TAIL PROS.	T CALLE	DEGREES OF FREEDOM	2-TAIL PROB.
,c123	CROUP	-CONTROL	2-ExP0!	LCT23 1-CONTROL 2-EXPOSURE ACE:23 DAYS CROUP 1 13 13 14.2368 1.	23 DAVS 1.377	0.382		6	-	ç	976	-	á	60
	GROUP 2		11	14.8454	1.323	0.399	<u>.</u>	_		<b>y</b>	,		10.13	
16726	UGTZ6 1	-COMTROL	2 - E x 30;	1+COMTROL 2+EXPOSUME AGE:26 GROUP 1 13 17-8615	26 Davs 1.357	€.376		!						
	GROUP 2		11	18.691		4.435	1.13		(F	ù ù		P: -1	£ 8. ₽0	
GT27	UGTZ7 1	-COMTROL	2-ExPO	1-CONTROL 2-EXPOSURE AGE:27 GROUP 1 13 18.6368	27 DAVS 1.389	98.9		!					,	
	S PURCHE		Ξ	18.6636	1.49	. 449	1.15			ž		•		
6128	46128 1	-CONTROL	2-EXP0	1-CONTROL 2-EXPOSURE AGE:28 GROUP 1 13 19.3368	28 DAYS 1.268	•.352		•				9	• •	
	CROUP 2	Cu)	11	19.7182	1.45	0.437	E:-		<b>?</b>	¥	X.			
CT29	UCT29 1-	-CONTROL	2-EXPO	1-CONTROL 2-EXPOSURE AGE:29 GROUP 1 12 19-8250	29 DAYS 1.374	.387		!		,			, , , , , , , , , , , , , , , , , , ,	695
	CROUP 2	N	•	28.1900	1.503	. 43 K	-	À	36. -	₹		<u></u>	66.	
673	3083	-control	2-EXPO	WGT38 1-CONTROL 2-EXPOSURE ACE:30 DAYS CROUP 1 12 21.1500 0.	36 DAVS	€.283		!		,			<b>77</b> 3)	977
	CROUP 2	~	•	21.1300	1.433	•. 453		665.						
<b>ECT33</b>	-	-control	2-EXP0:	1-CONTROL 2-EXPOSURE AGE: 33	33 DAYS 1.046	• 362		:		ŧ			•	
	~		• 1	22.75	1.487	• . 474	\$ <b>6</b> .2	. 261	•	ð			D D	}

Table A.5 (continued)

31841600	318	₹ÿ	MURBER OF CASES	TEAN T	STANDARD DEUIATION	DARED NT TON	STANDARD ERROR		VALUE	2-TAIL PROB.		JAT.UE	F 2-TAIL 8 T DECARES OF 2-TAIL 8 T UALUE PROB. 8 UALUE	2-TAIL PROB.	>		DECREES OF FREEDOM	2-TAIL PROB.
¥673	CPOUP	-COMTROL	2.Exp	UCT34 1-COMTROL 2-EXPOSUME AGE:34 DAYS GPOUP 1 12 23.2583 1.2	<b>€</b>	DAYS 1.247	9.36		1.82	1.82 0.348		-0.02	<b>.</b>	985		-0.02	16.34	986.9
!	60 G	eaour 2 monos		23.27		1. <b>679</b>	• . <b>5</b> 31								<b>⇔</b> ₩			
<b>X X</b>	GROUP	-CONTROL	× 6× 6×	UGT35 1-CONTROL 2-EXPOSURE AGE 35 DAYS GROUP 1 12	135 DA	1.143	<b>6</b> .336		6	•		,			**		1	;
	90090	CROUP 2 10		23.260		1.707	9.54		3			•		6		Ç.	15.64	
96.439	SPOUP.	CONTROL	2.EX	GGT36 1-CONTROL 2-EXPOSURE AGE 36 DAVS	36 Day	1.107	9.319		,			;			ì		1	
	GROUP 2		•	23.8100		1.624	€.514	- ~ =	r. 13	6.15 <b>6</b> .63			₹	7			15.42	. 865 865
<b>6</b> 5737	1,137 LROUP	CONTROL	2-EXP	UST37 1-CONTROL 2-EXPOSURE AGE:37 DAYS GROUP 1 12 23.8750 1.	137 DAY	AYS 1.476	9.426			9		4						
	S PUDDED		•	24.2800		1.905	9.602				• <del>~</del> ~	•		B C .		ς •	90.91	Ř.

Table A.5 (continued)

UNCT46 1-CONTROL 2-EXPOSLINE ACE: 40 DAVS UNCT46 1-CONTROL 2-EXPOSLINE ACE: 40 DAVS UNCT41 1-CONTROL 2-EXPOSLINE ACE: 41 DAVS UNCT41 1-CONTROL 2-EXPOSLINE ACE: 41 DAVS UNCT41 1-CONTROL 2-EXPOSLINE ACE: 41 DAVS UNCT42 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT42 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT42 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT43 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT43 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT44 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT46 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT47 1-CONTROL 2-EXPOSLINE ACE: 42 DAVS UNCT48 1-CONTROL 2-EXPOSLINE A	OF 1-CONTROL						•					
2 2 2 2 2 2 2 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1.0041#01	MUMBER Of CASES	£	STANDARD	STANDARD ERROR	F 2-TAIL I	vatue DE	DECREES OF	F 2-TAIL PROB.	CALUE CALUE	DECREES OF FREEDOM	2-TAIL PROB.
64741 64747 64747 6477	-	12-EXP	SURE ACE 1.	40 DAVS 1.791	6.517	3		*	679	•	19.29	€.978
2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	GROUP 2 10	•	25.27	1.791	• 566							
647 64 64 64 64 64 64 64 64 64 64 64 64 64	1-CONTRO!	L 2.ExP(	MC141 1-CONTROL 2-EXPOSURE ACE:41	41 DAYS 1.766	0.510		-	*	4	-	10.65	216.
ECT42	GROUP 2	•	X.	1.823	<b>6.577</b>			3				
	1-CONTROL	L 2-EXPC	1-COMTROL 2-EXPOSURE ACE:42 GROUP 1 12 25.7166	42 DAVS 1.836	0.530		3	*	¥		19.97	6.
3	GROUP 2 10	•	25.67	1.571	. 497		3	3				
UCT44	UCT44 1-CONTROL 2-EXPOSURE GROUP 1 12 26.3	1. 2-EXPOSURE 12 26.3	26.3750	44 DAYS 1.897	9.548		×	*	796	92	19.14	• . 796
3	CROUP 2 10	•	26.5986	1.937	6.613			:	•			
WC747	1-CONTROL	L 2-ExPC	UC147 1-CONTROL 2-EXPOSURE ACE:47 GROUP 1 12 26.9593	47 DAVS	0.659	:		60	26.		19.99	0.748
3	GROUP 2 10	•	26.6700	1.87	• .693	200		3				
66743	1-CONTROI UP 1	L 2-EXPC	UGT43 1-CONTROL 2-EXPOSURE ACE:48	48 DAVS	. 609		,	7	20	.71	50.63	. 48
5	CBOUR 2 10	•	26.8300	1.949	5: <b>9:</b> •		?	3	}			
6CT4.)	UCT43 1-204TROL 2-EXPOSURE 4	1.2-£xPd	1-304740L 2-EXPOSURE AGE:45 GROUP 1 12 27.3083	45 Days	6:19	1	3	*	99	9.54	18.61	• . s 98
\$	~	•	<b>≥6.880</b>	1.587	. 562			}			1	

and the second s

Table A.5 (continued)

UNKIABLE	HE	ž,	NUMBER OF CASES	¥	STANDARD DEULATION	STANDERD ERROR	**	WILE	2-TAIL PROB.		WALUE	STANDARD # F 2-TAIL # T DEGREES OF 2-TAIL # T ERROR # UMLUE PROB. # UMLUE FREEDOM PROB. # UMLUE	PROB.	* =		DECREES OF 2-TAIL FREEDOM PROS.	2-TAIL PROS.
\$ 5	CRO'JP	GROUP 2 10047804 2-EMPOSURE A CROUP 1 12 27:24	6.00 P		CE:50 DAVS 33 2.143	6.534		1.61	1.61 0.482	****	•. 47	<b>0</b> 00	●.643	~ ~ ~ ~ ~	. 4	19.96	• 635
<b>4</b> 6451	- 50 G	GT51 1+CONTROL 2-EXPOSLIBE A GROUP 1 12 28.82 GROUP 2 19 27.28	12 EXP	UGT51 1-CONTROL 2-EXPOSUME AGE:51 DAYS GROUP 1 12 28.0250 2.243 GROUP 2 10 27.2000 2.150	2.243 2.243 2.150	3. 3.		 O.	1.69 6.914		• . 79	8	<b>6.</b> 439		<b>6.79</b>	19.56	0.437
UG154	1-00-17 GROUP 2	GTS4 1.CONTROL 2.EXPOSURE A CROUP 1 12 29.37 CROUP 2 10 28.40	2 EXP(	UGT54 1-CONTROL 2-EXPOSURE AGE:54 DAYS GROUP 1 12 29.3754 2.145 GROUP 2 10 28.4000 2.349	GE154 DAYS SG 2.145	•.619 •.73		1.16	1.16 8.864		 •	€.	6.317		1.02	18.69	0.321

Table A.5 (continued)

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5000	CROUP 1 - STATUS	STATUS					•		<b>*</b> (	631004	UARIANCE E	STIMATE :	SEPARATE	PODLED VARIANCE ESTIMATE & SEPARATE VARIANCE ESTIMATE	STIMMTE
UMETABLE	J.E	₹ <sub>8</sub>	MUMBER OF CASES	£	STANBARD DEULATION	STANDARD	3	UALUE P	2-TAIL X PROS. 3	4 ALUE	PEGREES OF	2-TAIL # PROB. #	VALUE	DEGREES OF FREEDOR	PROB.
<b>JCT55</b>	8	UCTSS 1-CONTROL 2-ENPOSM	12-ENP	29.5249	55 BMYS 2,226	0.643		8	3	-	*	# 1.CE	3	5	8
	2 2005	N.	•	<b>28</b> .54 <b>10</b>	2.237	9.726					}				
ecrse	1005	UGTSG 1.CONTROL 2.EXPOSUR	. 2°EXP(	F 1-CONTROL 2-EMPOSLINE MGE156 DAYS GROUP 1 12 29.5259 2.444	\$6 DAYS 2.444	982.					*	# 42k		19.03	. 428
	2	•1 ~	•	28 . <b>6600</b>	2.530	• .					}				
VCTS7	2	UCTS7 1-CONTROL 2-EXPOSUR	3.5×P(	1+CONTROL 2+EXPOSUME MGE:57 CHOUP 1 12 29-9249	57 DAYS 2.324	0.671		!		*	*		¥	CE CE	.464
	3	CROUP 2 10	•	29.130	2.645	•.B24		9			3				
UCTS	UCTSE 1.	CHOUP 1 12 EXPOSUR	1. 2.EXPOSUI	DSURE AGE:SR 30.3083	SR DAYS 2.327	9.672	-	!	***		*	905	78	46.0	•
	2	S 400	<b>:</b>	29.3800	2.626	0.830		) · · ·			•				
<b>6</b> CT6	2	usT61 1-CONTROL 2-EXPOSUS CROUP 1 12 31	2-EXPC	1-CONTROL 2-EXPOSURE MCE:61 CROUP 1 12 31.1333	51 DAYS 2.838	0.819		:			\$			3,45	624.
	CROLP 2	~	•	10 30.0099	3.465	1.096			C.		3	7			
3678	uchez chour	1-004780	12-EXP	1-CONTROL 2-EXPOSURE AGE 162 GROUP 1 12 31-5333	62 DAYS 2.977	t . BS9		!		5	₹	3	6	18.72	9.628
	5	CROUP 2 10	•	34.88	3.193	1.6.0		ç: :	,		2	-			
UC 16.3	200	-control	12-EXP	1-CONTROL 2-EXPOSURE AGE:63 CROUP 1 12 31.2540	63 DAYS 2.98S	3.		•	***	3	*	2,5	.56	19.97	581
	S GROLP 2		•	36.520	3.075	6.972			:	;	;		) ) ,		,

Table A.5 (continued)

VARIABLE	ïE	Éų	NUMBER OF CASES		STANDARD DEVIATION	STANDARD & F 2-TALL ERROR & UALUE PROB.		VALUE	2-TAIL PROB.		VALUE	1 TESPESS OF 2-TAIL B T B UALUE FREEDOM PROB. B UALUE	2-TAIL PROB.	ב משנה ב משנה			PROD.
7	CROUP CROUP	CONTROL	UGT64 1-COMTBOL 2-EXPOSUBE GROUP 1 12 31.0	1-CONTROL 2-EXPOSIBRE AGE GROUP 1 12 31-8083 GROUP 2 10 31-1200	AGE164 DAVS 083 3.194 200 3.131	•. 922 •. 99•	****	•				0.51 20 0.617	.617	***	81 18	19.43	•.617
591.93	305	CONTROL	1.0 EXP		2.862 2.862 2.863	• 936 • 936	****	•	•		₹9.	00 00 00 00 00 00 00 00 00 00 00 00 00	•.544	•	4.62 19	10.34 10.34	; •
25	1-contra Group 1 Group 2	CONTROL	UGTGE 1-CONTROL 2-EXPOSURE A GROUP 1 12 32-95 GROUP 2 10 31-84		CE: 68 DAYS 66 3.198 60 2.932	•.923 •.927		1.19	1.19 0.867	****	£ . 84	82	• · · · · · · · · · · · · · · · · · · ·	1 00 1 69 1	<b>9</b> .85 19	19.78	*

Table A.5 (continued)

T-TEST FOR F1-2 MALES

CROUP	CROUP : - STATUS	TATUS						-	POOLED	* POOLED UMBIANCE ESTIMATE		E SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UARIABLE	3,	ž	MUMBER OF CASES	¥	STANDARD	STANDARD ERROR	CALUE.	2-TAIL PROB.	CALUE	PECREES OF	PROB.	T THE	PECACES OF FREEDOR	2-TAIL PROB.
65159		24TPOL	2-EXP0	33.4916 33.5280	ACE: 69 DAYS 4916 3.148 5200 2.928	6.969 6.926	1.16		.74	₹.	99	÷.	19 72	<b>9.46</b> 3
¥ 73		CUMTROL 1	2-ExPosure 15 33.	33.566 33.566	176 baws 3.629 2.363	6.918	8	4.00	65.	8	<b>9</b> .55 <b>9</b>	9	19.56	6.557
MC77:	Secure 1	UGT71 1-COMTROL 2-EXPOSLIRE GROUP 1 11 34-2 GROUP 2 9 32-	2-EXPO 11	94 ACE 171 34.2000 32.7555	3.283	1.068	1.10		-	<b>6</b>			16.87	•.35
5773		1-CONTROL 2-EXPOSURE CROUP 1 11 34.	2-EXP0 11	SURE AGE:72 34.4454 32.7444	3.236		4.17	8.		00 I	0.239	 	16.62	0.243
£0.25	5775 1-C CAOUP 1	1+CONTROL 2+EXPOSURE GROUP 1 11 34. GROUP 2 8 33.	2-ExPosure 11 34.	34.9181 34.9181	MCE175 DAVS 9181 3.213 9889 3.215	1.137	-	8.	3	17	9.5 <b>0</b> 5		15.23	. 586
8		1-Correct 2-Exposure Group 1 11 34.	2-Ex9c	XPOSURE AGE:76 34.7888 33.7888	3.245	<b>&amp;</b>	=	<b>Š</b>	99	17	<b>9.</b> 517	3	15.19	615.0
22.55	G:77 1.cc	. O → N	ONTROL 2-EXPOSURE 11 34		AGE:77 DAYS 6727 3.169	1.865		88.	60 60 60	17	• .39	2	15.69	<b></b>

Table A.5 (continued)

UARIABLE	37	ξů	NUMBER OF CASES		STANDARD	STANDARD # F 2-TAIL # T DEGREES OF 2-TAIL # T EMPOR # VALUE PROB. # VALUE FREEDOM PROB. # VALUE	 VALUE	F 2-T41L B VALUE PROB. 3		on the contract of the contra	T DEGREES OF 2	2-TAIL	T VALUE	DEGREES OF 2-TAIL FREEDON PROB.	2-TAIL PROB.
LC 173	1-CONT CROUP 1	LET78 1-COMFROL 2-EXPOSURE GROUP 1 1 34.6 GROUP 2 8 33.3	2-Exp0	33.3125			 1. • 5	9.916	****	96.	8 956.0 71 36.0 8 8.96.0 \$0.15	<b>⊕</b> . 35 <b>⊕</b>	8	15.8	9.354
65773	2-1045 2-10045	GROUP 2 8 33.92	2-Expo	33.9250	3.038	●.922 1.●74	 <u>.</u>	•	****	8.	1.01 1.000 1 0.82 17 0.425 1	χ.	.82		0.427
56782	GROUP 1	LECTR2 1-CONTROL 2-EXPOSINE A GROUP 1 11 35.81 GROUP 2 8 34.18	2-EXPO	35.8181 35.8181	AGE: 82 DAYS 181 3.296 800 3.718	0.994	 1.27	9.708		1.06	1.27 0.705 \$ 1.06 17 0.302	●.302	<b>.</b>	14.07	•. 31S

Table A.5 (continued)

T-TEST FOR F1-2 MALES

1005 1005	CAROUP 1 - STATUS CAROUP 2 - STATUS							E POOLED	POOLED UARIANCE ESTIMATE	STIMATE #	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
URR I ABLE		MUNINER OF CASES		STAMBARD DEUTATION	STANDARD ERROR	VACUE	2-TAIL PR08.	s value	PECHEES OF	2-TAIL PROB. 8	UALLE	DECREES OF FREEDOM	2-TAIL PR08.
<b>LE 113</b>	MCT83 1-CONTROL 2-EXPOSUR	01. 2.EXP	05URE ACE: 83 DAYS 36.1988 3.	13 DAVS 3.315		7.	413	* * *	21	# 262.0		12.55	0.317
-	GROUP 2	-	34.2750	4.370	1.545	: :				~ *			
2 TT 22	1-CONTROL 2-EXPOSUME AGE:84 GROUP 1 11 11 36-4818	3L 2-EXP(	36.4818	3.411	1.028	2	250		17		-	12.31	0.333
-	CROUP 2	•	34.5375	4.613	1.631	-			•				1 1 1 1 1
ucres o	1-COMTROL 2-EXPOSURE AGE: 98 GROUP 1 11 36-9969	31. 2-EXP	36.9969 36.9969	98 Days 3.949	1.191		!			176	<b>9</b>	14,98	.95
-	croup 2	•	36.8750	÷	1.436	<u>.</u>			•				
WC7105	UCTIOS 1-CONTROL 2-EXPOSURE ACE:105 GROUP 1 10 36.929	ONTROL 2-EXPOSUE	05URE AGE 1	185 DAVS 3.881	1.227				ي	36	2	3,82	<b>9</b> . 38
<i>-</i>	GROUP 2	۲-	38.5428	3.545	1.339				2			1 1 2 1 1	1
WCT112	MGT112 1-CONTROL 2-EXPOSUME AGE:112 DAVS GROUP 1 10 37.3999 3.55	3L 2-EXP(	37.3999	112 DAYS 3.530	1.116		333	8	<u>.</u>	4 4 4	8	11.77	9.356
-	GROUP 2	7 33	39.2285	4.886	1.544	, 				**		# 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
61119	MCT119 1-CONTROL 2-EXPOSURE AGE:119 GROUP 1 10 37:7000	01 2-EXP	05URE AGE : 37.7880	119 DAYS 4.359	1.379		200		•	.284	2	90	9.301
<del>-</del>	croup 2	•	44.2833	4.715	1.955					00 to 1			
WC7126	UCTIZE 1-CONTROL 2-EXPOSURE MGE:126 DAYS	OL Z-EXP	05URE MGE 1 39.1199	126 DAVS	1.285			3	5	* * * * * * * * * * * * * * * * * * *	- 9.97	11.65	0.353
~	2 47045	~	11.2571	4.765	1.801				) •	-			

Table A.5 (continued)

UMIABLE	NUMBER OF CASES			STANDARD DEULATION	STANDARD ERROR	* *	VALUE	2-TAIL PROB.	~ * *	T HIUE	STANDARD & F 2-TAIL & T DEGREES OF 2-TAIL & T DEGREES OF 2-TAIL ERROR & UALUE PROB. & UALUE FREEDOM PROB. & UALUE FREEDOM PROB.	2-TAIL PROB.	5	t. Mustruge	FUNCTES OF FAMILIES	2-TATE
MGT133 1-CONTROL GROUP 1 1	1-CONTROL :	MGT133 1-CONTROL 2-EXPOSURE AGE:133 DAYS GROUP 1 18 - EXPOSURE AGE:133 DAYS	RE ACE:133 (	DAYS 3.832	1.212		,		***		· · · · · · · · · · · · · · · · · · ·					ï
choup 2	٠ د	41.3333	333	5.681	2.319		<b>.</b>	0 0	, * * *		- 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	. 663	T 	<b>\$</b>	7.7	.698
167146 CR 3UP	G7140 1-CONTROL 2-EXPOSU		RE ACE 1140 DAYS 0.6500 4.493	4.493	1.421										:	;
e aness	9	42.2666	99	*	1.796				' 				T = = =	. 71	. <del>.</del> .	÷.
167147 1-CONTROL	-CONTROL 2	UG7147 1-CONTROL 2-EXPOSURE ACE:147 DAYS	GE:147 B	A.812	1.269	**										
GROUP 2	<b>√9</b>	42.1500	<b>:</b>	4.430	1.809		, ,		· • • ·	Į.	10.50 M 24.00 D.51.	4.617 2 -0.54 2 -0.54	-	3.		• . 629

Table A.5 (continued)

GROUP 1 - STATUS	- STATUS - STATUS	•					,		T POOLED	POOLED VARIANCE ESTIMATE &	STIMATE 8	SEPARATE	SEPARATE VARIANCE ESTINATE	STIMME
USETABLE	₹8	MUMBER OF CASES	¥634	STA.		STANDARD ERROR	# CALC	F 2-TAIL VALUE PROB.	T COLUE	DECREES OF 2-TAIL FREEDOM PROB.	2-TAIL B	UALUE	DEGREES OF FREEDOM	2-TAIL PROB.
GROUP 2 6 43.8833 4.364	1-CONTROL P 1	2-Expo 1	SURE ACE: 41.9500 43.8833	19	4.364	1.194	1.34	.664		<u>*</u>	• 365 #	8.	<b>*</b>	195.
GROUP 1 10 42.6499 3.732	1-CONTROL P 1	2-EXPO 10	5URE AGE: 42.6499 44.5833	89 1	3.732 3.404	1.180		1.20 0.384	 	<b>T</b>	6.295	-1.12	6 V	6 . 289
GROUP 1 10 6 44.8888 3.546	1 CONTROL	2-EXPO	5URE ACE: 42,6499	175 DE	AVS 4.178 3.546	1.319		1.38 6.754	-1.65	<u>.</u>	6.311	<b>6</b>	12.51	. 89. A
UGT182 1.CONTROL 2.EXPOSURE AGE:182 DAYS GROUP 1 10 42.7299 3.720 GROUP 2 6 45.0500 3.716	1-CONTROL	2-EXPO 10-11-0-11-0-11-0-11-0-11-0-11-0-11-0-	5URE ACE: 42.7299 45.0500	82 82 82	1.720	1.176		*	# # -1.21	₹.	545	-1.21	6.68	0.252
UCT189 1-CCMTROL 2-EXPOSURE AGE:189 DAYS GROUP 1 10 42.7800 4.236 GROUP 2 6 45.0833 3.505	1-CCMT#OL # 1	10 10 6	SUPE AGE 142.7888 45.8833	6	4.236 3.505	1.339	4 4 4 4 4 4	90.796	-1.12	<del>.</del>	282		12.34	. k63
			1 1 1 1 1 1 1 1			, , , , , , , , , , , , , , , , , , , ,			! ! !					

Table A.5 (continued)

GROUP 1 - STATUS GROUP 2 - STATUS	48.4						# POOLED	POOLED VARIANCE ESTIMATE	ESTIMATE	SEPARATE	SEPARATE VARIANCE ESTIMATE	STIMATE
CARTABLE	NUMBER OF CASES	Me an	STANDARD	STANDAPD ERROR	* UPLUE	2-TAIL UE PROB.	T T DI	DEGREES OF 2-TAIL FREEDON PROB.	F 2-TAIL	UALUE	DEGREES OF FREEDOM	2-TAIL PROB.
GETIGE 1-CONTROL 2-EAPOSURE RGE:	FROL 2*E	APOSURE MEE:	196 DAYS 4.076	1.289		-1.37 6.764	6.9	<u>.</u>	9.377	-6.95	12.06	e, 369
GROUP 2	9	45.3167	3.486	1.423							1	
LCT203 1- NAPOL 2-EXPOSURE ACE CROUP : 43.8300	1901 2.E		263 DA75 3.900	1.833		9	99	7	9	-0.67	11,23	9.515
ଟ ଜନ୍ମ	ıç	45.1333	3.662	1.495	:	66.9						
UCTEIG 1.CONTROL 2-EXPOSURE AGE:	1801 2-E	KPOSURE AGE:	210 DAYS 4.073	882.1		0.00		3	922	4. 6.	12.18	۶.36
2 90082	ų	46.833	3.435	1.402		FF						:
UGT217 1-00478CL 2-EXPOSURE AGE:	FROL 2.E	XPOSURE AGE:	217 DAYS 4.037	1.277		000	4	2	5. C	6	12.79	9.666
S GDORD	v	45,4200	1.639	6.733							1 4 1 2 4 3 1 1	
UGT224 1-CONTROL 2-EXPOSURE AGE:	3-5-1081	XP05URE AGE::	224 DAYS	1.341	~ **		•	-	255.0	1.69	12.94	9.234
C. PUSAS	9	46.9808	3.246	1.38	:			•				

Table A.5 (continued)

GROUP	GROUP 1 - STATUS GROUP 2 - STATUS								* POOLED	POOLED UARIANCE ESTIMATE &	STIMATE 4	1 SEPARATE	SEPARATE VARIANCE ESTINATE	STIMATE
UMRIABLE		NUMBER OF CRSES	HE PA		STANDARD DEULATION	STANDARD ERROR	s value	F 2-TAIL VALUE PROB.	T T T	DEGREES OF 2-TAIL FREEDON PROB.	2-TAIL PROB. 1	. OALUE	DEGREES OF FREEDOM	2-TAIL PROB.
UCT231	UGT231 1-COMTRUL 2-EXPOSURE GROUP 1 10 44.	31. 2×ExP(	DSURE AGI	E1231	AGE1231 DAYS 3400 4.587	1.45			**				· · · · · · · · · · · · · · · · · · ·	
	CROUP 2	به	46.2400	•	3.249	1.326				<b>:</b>		\$ •	<b>;</b> ;	9. 161
UCT238	UCT238 1-CONTROL 2-EXPOSURE GROUP 1 10 10 44-	16 2 - EXPC	05URE AGE 44.6899	£1238	6899 4.326	1.368								
	s anoms	9	45.9333		3.822	1.560	5 	1.68 0.864	Br.	<u>.</u>			P	<b>8</b>
JCT245	UGT245 1.COMTROL 2-EXPOSURE AGE:245 DAYS GROUP 1 10 44.8199 3.895	L Z+EXPC	SURE ASI	E:245 .	DAYS 3.895	1.232			-					
	GROUP &	ø	46.2333	_	3.886	1.58?	B 		•	<u>.</u>			60.01	
JCT252	WGT252 1-CONTROL 2-EXPOSURE AGE:252 DAYS GROUP 1 9 44.0666 3.575	L 2.ExPO	15URE AGE	1 282:3	DAYS 3.575	1.192								
	CROUP 2	v	45.2600	_	3.695	1.652			<b>7</b> 0.	ÿ	. 202	\$ C .	7.0	

Table A.6 Body masses for F1-2 female mice.

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200	GROUP 2 - STATUS							POOLED	POOLED VARIANCE ESTIMATE	ESTIMATE	SEPPRENTE	SEPREMENTE UNRIANCE ESTIMATE	5114016
UMRIABLE	. o	MURBER OF CASES	AE PA	STANDARD DEULATION	STANDARD ERROR	a catue	2-TA:L PROB.	T C VALUE	DEGREES OF 2-TAIL FREEDOR PROB.	F 2-TAIL PROB.	VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
UCT?	UGT7 1-CONTROL 2-EXPOSURE AGE:7 DAYS	00 2-ExPC	SURE ACE 1	7 DAYS 0.539	. 162		37. 4	7		255		59.67	9.239
	CROUP 2	13	6.3461	0.847	0.235				;				
87.5	HGTS 1+CONTROL 2+EXPOSUS	0L 2+EXPC	SURE AGE:8 6.4545	8 DAVS 6.535	0.161		9	-	2	386	00	86.	9.29
	S GROUP 2	13	6.7538	9.895	<b>6.223</b>				3				1
613	UGT9 1-CONTROL 2-EXPOSURE AGE19 DAYS	01 2-EXPC	SURE AGE 1!	9 DAYS 0.546	0.165			6	2	35.	***	62,89	0.346
	CROUP 2	£1	7.3077	9.865	9.240				y				
<b>1</b> CT12	UGT12 1-CONTROL 2-EXPOSUR	OL 2-EXPC	SURE AGE:	1.5364 0.518	9.156		1	7	ç	951.0	1.50	21.37	0.147
	GROUP 2	13	8.5231	9.736	9.294	· · · ·	,		3				
<b>6</b> 113	LCTI3 1-CONTROL 2-EXPOSUR	01 2.EXPC	35URE AGE:: 8.7091	RE AGE:13 DAYS 8.7091 8.570	5.172				g	9	1 -1.76	21.19	0.693
	GROUP 2	13	9.2154	0.832	0.231				;				!
D T	UGT14 1-CONTROL 2-EXPOSURE AGE:14 GROUP : 11 8.9182	11 2-EXPC	9.9182 8.9182	14 Davs 0.761	<b>6</b> .83 <b>6</b>			,	2	486	, ,	28.71	. 489
	GROUP 2	13	9.1308	9.706	<b>8</b> .18				;			1	
UCT 19	UCT19 1-COMTROL 2-EXPOSURE AGE:19 GROUP 1 11 9.8727	11 2-EXP	35URE AGE:	19 DAYS 1.341	+0+.0			96	ç	700	25.25	18, 91	9.439
	CROUP 2	£1	16.9923	1.093	0.303	1:31		)	;		;		

Caracter of the control of the contr

Table A.6 (continued)

UARIABLE	걸	¥ 4	NUMBER OF CASES	3	STANDARD DELIATION	STANDARD ERROR	* UALUE	E PROB.	a UALUE	SEGREES OF	2-TA:L #	UALUE	DECREES OF FREEDOM	PROB.
06120	GROUP	-COMTRO	GEOUP 1 11 10	SUME AGE:	AGE:28 DAVS 2545 1.286	<b>6</b> .388	-	576	1 -2.33	a a	* * *	25. 3-	10.75	SE
	30	CROUP 2	13	11.3846	1.088	985.					***			
MC722	3	-CONTRO!	MGT22 1-CONTROL 2-EXPOSURE GROUP 1 11 11-11-	SUPE AGE:	AGE:22 DAVS 8727 0.922	<b>6.278</b>		•		çc	***	, E	ć d	900
	GROUP 2	Cu.	13	12.8769	1.188	0.330	; • • •		:	;	) ## <b>**</b>	;		
<b>JCT23</b>	CROUP	-CONTROL	UCT23 1-CONTROL 2-EXPOSURE GROUP 1 11 12.	SURE AGE:23	23 DAYS 0.878	9.265					200		•	
	GROUP	GROUP 2	13	13.5692	1.351	9.375					2			
UCT26	CROUP	-CONTROL	UCTES 1-CONTROL 2-EXPOSURE GROUP 1 11 15.	SURE ACE:	AGE: 26 DAYS 1636 0.989	0.298		:						
	2003	N	<b>C</b> 1	GROUP 2 13 16.6923	1.928	0.535	<b>.</b>				9 <b>66</b> 66	× :	•	
UCT27	onoes	-CONTROL	LCT27 1-COMTROL 2-EXPOSURE GROUP 1 11 15.	SURE AGE:27	27 DAYS 1.002	96.9		!	**			9		346
	CROUP 3	C)	13	15.7923	1.718	0.477			7.	8			°	
LC128	1728 1-	-CONTROL	1-CONTROL 2-EXPOSURE GROUP 1 11	SURE AGE: 28	28 DAVS 0.723	0.218		:			N 00 0	9	35	
	GROUP	GROUP 2 13	13	16.7308	1.723	. 478	è			ŭ	;	<u>.</u>		

Table A.6 (continued)

T-TESTS FOR F1-2 FEMALES

1000 1000 1000 1000 1000 1000 1000 100	CROUP 1 - STATUS	TATUS TATUS							# POOLED	POOLED VARIANCE ESTINATE	STIMATE	E SEPARATI	S SEPARATE UARLANCE ESTIMATE	STIMATE
UMRIMBLE	J.E	NUMBER 35 AC 3C	£6 535 5€¢	Ī	STANDARD DEULATION	STANDARD ERROR	# F # UALUE	2-TAIL E PROB.	E UALUE	DEGREES OF FREEDOM	PR08. 1	T VALUE	DECREES OF FREEDOM	2-TAIL PROB.
<b>4</b> CT29	CROUP	UGT29 1-CONTROL 2-EXPOSURE GROUP 1 18 16-16-4	EXPOSURE 16.	3 <b>3</b>	ACE:29 DAYS	9.202		4		Œ	4.4	# # # # #	10.79	\$. 4%
	S PLOSE	ج 1	17.	959	2.017	0.638								1
<b>6</b> 613	GROUP	UCT30 1.CCMTPOL 2.EXPOSURE AGE:30 GROUP 1 10 10	0MTROL 2-EXPOSURE	ACE: 3.	9 DAYS 0.996	0.315		6 6 677		~	08 7	## - <del>0</del> - #7	17.47	9.396
	SRCUP 2		:2 17.7666	9992	1.836	6.530			; ;				, , , , , , ,	1
<b>LC</b> T33	CROUP.	LCT33 1-CONTROL 2-EXPOSURE AGE: 33 DAYS GROUP 1 10 18:7300 0-8	-EXPOSURE	AGE: 3	3 DAYS 8.846	0.268	**			*	6.761	# -6.33	15.29	9.746
	GROUP 2	5 12		18.9417	2.620	6.583							1	:
<b>ECT34</b>	CROCE	1.COMTROL 2.EXPOSURE (GROUP ) 19.00	EXPOSURE 19.0	AGE 134	4 DAVS 1.057	0.334		6		G	595	# # ••.58	16.62	1.57
	S MOORS	5 15	19.4	4667	2.147	0.620							,	;
UCT35	CROUP	UCT35 1+COMTROL 2+EXPOSURE 6	EXPOSURE 19.	JURE ACE: 35	S DAVS 1.638	0.328	**	4	4	e c	866	-0.18	16.74	• . <b>8</b> 59
	s ancas		12 19.2	2333	2.677	0.600					1		1	) ) ) 1
66T36	CROUP T	1-CONTROL 2-EXPOSURE GROUP 1 10-6	0MTROL 2-EXPOSURE (	PGE 13	AGE 136 DAYS	8.346	, , , , , , , , , , , , , , , , , , ,		€ •	₹	9.369	6.9	17.58	9.346
	S. MUDORO	. 2 13	₹.	20.2500	1.993	6.575	*							1
UCT37	UCT37 1-	1-CONTROL 2-EXPOSURE CROUP : 10 19-6	•EXPOSURE	ACE 137	17 DAYS 0.915	682.		•		•	955.0	# # -0.65	15.41	9.526
	SPOUR	CROUP 2 12	20.1	1250	2.150	0.621	X 	9 9 9	} }					

Table A.6 (continued)

### 1-COMPTROL 2-EXPOSURE RGE ## 1 Pays   6.316   4.83 6.855   6.316   4.83 6.855   6.316   6.316   4.83 6.855   6.316   6.316   4.83 6.855   6.316	UMP 14BLE	ĭ	-2	NUMBER OF CASES	10 JE	STANDARD DEUIATION	STANDARD	5	אר אר	F 2-741	* value	DEGREES OF 2-TAIL B	2-TAIL PROB.	,	UALUE	DEGREES OF FREEDOM	PROB.
DAVS  2.262  2.262  2.262  2.262  2.262  2.262  2.262  2.27  2.191  2.191  2.293  3.54  3.55  3.54  3.55  3.54  3.55  3.55  3.55  3.55  3.55  3.55  3.55  3.55  3.55  3.55  3.	4674	40023	-COPTP(	31, 2-EXP	20.2600	866.0 04.5	9.316			9.925	## - <b>6</b> .31	50	6.762		<b>€</b> .33	15.94	0.748
DAVS  8.946  8.946  8.952  8.362  9.66  9.693  9.69  9.69  9.693  9.69		305	∾	15	20.4917		6.633									1	1
2.262 0.653 1	L6T41	700	CONTIN	)L 2-EXP	05UPE NGE 20.3900	1 5	962.0		•	416			B 32		<b>?</b>	86.21	758.0
PAMYS  1.936  9.559  9.68  9.08  9.093  1.936  9.382  1.936  9.559  1.937  9.559  9.55		500	~	32	20.5500		0.653	• •• ••									
2.191 0.632 E E E E E E E E E E E E E E E E E E E	<b>UGT42</b>	SPOCIA	-COMTRC	OL Z-EXP	OSUME AGE 20.3000	142 DAVS	0.23			6	1 2 2		575.0		ē	<b>8</b> . C.	. 76.1
1.936 0.382 1 2.57 0.168 1 0.07 20 0.946 1 0.97 1.936 0.559 1 2.57 0.168 1 0.07 20 0.946 1 0.97 1.936 0.354 1 0.354 1 0.24 20 0.813 1 0.25 1.357 0.666 1 1 1.237 0.391 1 3.53 0.669 1 0.11 20 0.914 1 0.15 1.237 0.391 1 3.53 0.669 1 0.11 20 0.914 1 0.15 1.237 0.671 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		200	~	21	20.5083	2.191	0.632									) ) )	
1.936 0.559 1 1 1 20 0.914 1 0.12 2.32 0.671 1 20 0.914 1 0.12 2.32 0.671 1 20 0.914 1 0.12	LCT44	1005	CONTRC	X 2.EXP	OSURE RGE 20.8980	:44 DAYS	0.382				-		946			99 <b>8</b> 1	***
1.119 0.354 1 25 0.038 1 0.24 20 0.813 1 0.25 2.307 0.666 1 1 25 0.038 1 0.24 20 0.813 1 0.25 DMV5 1.237 0.391 1 3.53 0.069 1 0.11 20 0.914 1 0.12		200	N	12	20.8417		0.559							**			
2.307 0.666 1 1 2 0.914 1 0.12 2.323 0.671 1 2 0 0.914 1 0.12 1 2.323 0.671 1 2 0 0.914 1 0.12	<b>16</b> 147	CROCK	CONTRC	1. 2-EXP	OSURE AGE 21.3580	147 DAVS	0.354		*						25	16.48	E 08.0
DAV5 1.237 6.391 8 3.53 6.669 8 6.11 26 6.914 8 6.12 2.323 6.671 8 8		900	N	12	21.1583		9.666	i • •• ••	9		**						
12 21.7000 2.323 0.671 8 8 8	<b>6</b> C748	anous	-CONTRC	36 2-EXP	05URE AGE 21.7980	, a	6.391		•	Ŷ	-		4		51.5	17.31	о. П
		CROUP	N.	12	21.7000	2.323	0.671	, •••									

Table A.6 (continued)

T-TESTS FOR FI-2 FEMALES

90083	GROUP 1 - STATUS GROUP 2 - STATUS							# POGLED	POGLED WARTANCE ESTIMATE	STIMATE .	SEPARATE	SEPARATE UMRIANCE ESTIMATE	STIMATE
UMRIABLE	30 N 318	NUMBER OF CASES	#0.3#	STANDARD	STANDARD ERROR	I PE	2-TAIL PROB.	# UALUE	DECREES OF	PROS.	JALUE	DESPEES OF	2-TAJL PROB.
60149	#6749 1-CONTROL 2-EXPOSURE AGE: 49 DAVS	L 2-EXP0	SURE ACE:4	19 DAVS 1.252	9.396	, , , , , , , , , , , , , , , , , , ,	8 8	# # # 6	20	.964		17.07	9.962
	CROUP 2 12	51	21.4917	2.415	0.697					1		 	
UCT50	1-CONTROL 2-EXPOSURE AGE158 GROUP 1 10 22-0000	L Z-EXPC	SUPE AGE 15	50 DAYS 1.570	96+.0		6		<b>6</b>	6 985	9.13	18.98	106.0
	GROUP 2 21.8916	Ų;	21.8916	2.426	8.7ee				}				
ucrs1	UGTS1 1-CONTROL 2-EXPOSURE AGE151 GROUP 1 10 22.2404	L 2.5×P0	SURE AGE 15	1 DAVS	<b>6</b> . 435		604	• • •	*	808	% •	17.76	9.799
	GROUP 2 12	53	22.6256	2.454	<b>6.788</b>	-	•		,				
46754	WGTS4 1-CONTROL 2-EXPOSURE AGE 154	L Z-EXPG	SURE AGE 19	54 DAYS 1.048	0.332		•	•	•	8.859	9	14.76	<b>9</b> .85
	GROUP 2 12	51	23.3833	2.698	9.779								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
46755	46155 1.COMTROL 2.EXPOSURE AGE:55 DAYS GROUP 1 10 23.3700 1.1	1.0 1.0	SURE AGE: \$	55 DAVS 1.100	0.351			***	~	6.821	- <b>6</b> .25	15.91	9.8
	GROUP 2	21	23.5833	2.751	<b>9</b> .794	<u> </u>							!
UCT56	UCTSG 1-CONTROL 2-EXPOSURE AGE:S6	1.2-EXPC	23.6940 23.6940	56 DAYS 1.210	0.383		99	-	₹	6.839	-6.82	:7.11	₩.83₩
	GROUP 2 12	15	23.8583	2.324	6.671								1
UGTS7	UGTS7 1-CONTROL 2-EXPOSURE AGE:57 GROUP 1 10 23.9400	1 2 - EXP(	23.9488	57 DAYS 1.402	6.443		! "	6 6	<b>•</b>	25	•	17.18	9.928
	GROUP 2	12	23.8583	5.673	6.772	9		; ;	<u>.</u>	}	_		

Table A.6 (continued)

UAR I ANDE	ä	<b>7</b> 0	MUNIBER OF CASES	HEAN	STANDARD	STANDERD ERROR		VALUE	2-1A1L PROB.	3	UALUE	DECREES OF FREEDOM	2-TAIL B	VALUE	SECREES OF	PROB.
uG758	1 -CC GROUP 1	CONTROL 1 2	1790L 2-EXPOSURE 10 23.8	GROUP 1 10 2.5 XP05URE AGE 158 DAVS GROUP 1 10 23.8190 2.5	58 Dav5 1.687 2.913	8.533 8.841		88.5	<b>6</b> .112		• . 11	ດັນ	9.9	-	13. <b>9</b> 6	96.
uc të	4005	UCTS1 1-CONTROL 2-ENPOSUME GROUP 1 10 24-2 GROUP 2 12 24-5	2.Err¤( 1.0	05UPE AGE:61 24.2300 24.5583	61 DAYS 1.465 3.815	. 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8	****	3	3	****	-6.32	. <b>.</b>	# # 250.0	- 4. 34	16.14	0.741
50.00	CROUP CROUP	UCTG2 1-CONTROL 2-EXPOSURE GROUP 1 18 24.2	10 2-EXPO	24.8333	AGE: G.2 DAYS 1900 1.255 1333 3.085	6.397 6.891	****	Į ė	9.012	***	-9.52	₹.	0 0 0 0	95.0-	15.08	9.536
UCT63	CROS.	UCT63 1-CONTROL 2-EXPOSURE GROUP 1 19 24.4	2-EXPC 10-	24.4766 24.4766 24.9666	63 DAYS 1.203 3.627	9.30 6.874		<b>6</b> . 3		****	<b>6</b>	R	632	- P. 52	. <del></del>	6.63
ucts.	CROUP GROUP	UCT64 1-CONTROL 2-EXPOSURE GROUP 1 18 25.2	2.EXP0	25.7:66	AGE 164 DAYS 190 1.428 166 2.781	 		<b>8</b>	0.055	***	-•.52	₹.	699.	-0.55	16.98	6.583
<b>V</b> C165	1-00 GROUP 1	#GT65 1-CONTROL 2-EXPOSURE GROUP 1 10 25.0	10 E	25.4583	55 DAYS 1.481 3.269	÷ .		8	9. e28	****	<b>-</b> .35	ę.	8.729 E	.33	16. <b>6</b> 6	•.713
280E	caccus caccus	1 - CONTROL 2 - EXPOSURE GROUP 1 10 25.3 GROUP 2 12 26.1		25.3100 25.3100 26.1583	68 DAYS 1.555	4. 492 4. 852		<b>3</b>	•. •65	****	- <b>6</b> . <b>8</b> 2	<b>O</b>	- 453 - 553 - 453 - 553 - 453 - 553 - 453 - 553 - 453 - 553 - 453 - 553 - 553		17.22	*
						1 1 1 1 1 1 1 1 1 1 1 1		•		1	!					

Table A.6 (continued)

	184-82-C0 x 3
	DATE
FOR FI-2 FEMALES	CREATION DATE
<b>8</b> 6.	Ę
1-TESTS	£11£

100	CROUP 1 - STATUS	TATUS					,		# POOLED	POOLED VARIANCE ESTIMATE		SEPAKATE	E SEPARATE VARIANCE ESTIMATE	STIMME
UNEINBLE	3	£ų	NUMBER OF CASES	ž	STANDARD DEUINTION	STANDARD ERROR	E F S JALUE	2-TAIL PROS.	# CALUE	DEGREES OF FREEDOM	2-TAIL PROB.	JOHLUE	DESPEES OF FREEDOM	2-TAIL PROS.
59198	CROUP	*CONTRO!	#GTE9 1 * CONTROL 2 * EXPOSURE GROUP 1 18 25.8	25.8200	AGE: 69 DAYS 1200 1.625	0.514	3.41	9.676		จื	. 434		17.46	• • • • • • • • • • • • • • • • • • •
		u	7		<b>.</b>					1				•
66178	CPOUP	-control	1+CONTROL 2+EMPOSURE 6 GROUP 1 10	26.1400	70 DAYS			<b>3</b> 8	9	**	546	-6.65	15.96	0.523
	S WOODS	~	51	26.8416	3.325	• . 964					7.7		1 1 1 1 1 1	;
46171	Cache Car	-control	UCT71 1-CONTROL 2-EXPOSURE CROUP 1 9 26.4	35URE #GE:71	11 BAYS 1.755	0.585				<u>.</u>	26.		15.63	●.538
	CROUP 2		1.1	27.1454	3.350	1.310				•				1
<b>46</b> 772	200	-coerreol	MGT72 1-CONTROL 2-EXPOSURE GROUP 1 9 26.1	-EXPOSURE AGE: 72	72 DAVS 1.524	895.0		!			, d	-6.23	14.22	8.457
	2 200	N	=	27.0636	3.502	1.856	**************************************	Ì	•	2				
<b>K</b> 73	30.00	-CONTROL	1-COMTROL 2-EXPOSURE	SURE AGE: 75 27.1667	722 1.722	0.574				ã	708	600	14.64	. 785
	GROUP	GROUP 2 1:	::	22.5181	3.734	1.126				•				!
<b>4</b> CT76	3	-CONTRO	UGT76 1-CONTROL 2-EXPOSURE CROUP 1 9 27.0	27.0667	AGE:76 DAYS 1.573	0.524				*	745	90	13.97	<b>6.728</b>
	580UP 2	N	11	27.5894	3.744	1.129				2				
<b>MC</b> 777	GROUP	-CONTRO	MGT77 1-CONTROL 2-EMPOSURE GROUP 1 9 27.0	27.0555	77 DAYS 1.460	6.487			4	9	4 % 0	*	13.22	0.950
	GROUP 2	~	=	27.1363	3.908	1.178			) } !	) •				

- ACTACA MARKET (ACTACAMA A MARKATAN MARKATAN MARKATAN A MARKATAN MARKATA

	UNA JABLE	Ē	MBER CASES	NUMBER OF CASES MEAN	578 3575	STRMDAND DEUINTION	STANDARD ERROR		VALUE	2-TAIL PROB.	E UMLUE	FREEDOM	PROB.	UALUE	PEGREES OF FREEDOM	PROB.
5178	POUP.	COMTROL	2.EXP(	UG178 1-CONTROL 2-EXPOSUME AGE:78 DAVS 1-824	78 06	1. B24	8.68		4.27	190.		9	6.937	• • •	15.01	6.932
ij	200	~	11	GROUP 2 11 27.8888		3.771	1.137									
6773	100	CONTROL	2-EXPC	METTO 1-CONTROL Z-EXPOSURE ALE:79 DAVS CROW 1 27.4889 1.8	70 07:	1.836	6.612			9	4	<u>.</u>	828	7	15.13	6.E17
J	a port	~	=	GROUP 2 11 27.7969		3.738	1.127		:			,				
.cr8≥	* One	CONTROL	2-ExpC	UCTB2 1-CONTROL 2-EXPOSURE AGE:82 DAVS GROUP 1 29 28.4111 2.107	82 04	WS 2.107	9.782				0 0	9	6.0		15.06	9.912
3	BOOK.	~	11	GROUP 2 11 28.2454		4.324	1.34		;							
<b>6113</b> 3	POC.	CONTROL	2-EXPC	UCTES 1-CONTROL 2-EXPOSURE ACE:83 DAYS GROUP 1 9 28.6666 2.147	83	1YS 2.147	914.0		×			ģ	\$ <b>6</b> 6	2	15.01	- 084
Ü	POR	r.	11	CROUP 2 11 28.6363		4.438	1.33									
2 T T 2	POOR	CONTROL	2-EXPC	METE4 1-CONTROL 2-EXPOSURE AGE:84	Ž	DAYS 2.334	B.7.8				-	:	7.0		4 C	9
ö	#OUP	N	11	GROUP 2 11 28.8727		4.547	1.359		2							
A 18	POOF	CONTROL	S-EXPC	WGT98 1-CONTROL 2-EXPOSURE ACE:98 GROUP 1 9 30.5111	8	DAYS, 2.546	6.849					=	<b>9</b>	7	4.48	
ð	anough the	N	11	GROUP 2 11 31.296\$		5.641	1.7€1	• •• ••	į						1 1 1 1 1 1 1	,
KT105	FOUR P	CONTROL	2.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8	UCTIOS 1-CONTROL 2-EXPOSURE AGE:105 CROUP 1 8 30.9000	1105	DAYS 3.112	1.18		8	-	85 <b>9</b>	91	295.		14.46	6.539
Ø	POUR	2	•	CROUP 2 10 32.2200		5.641	1.784		3					-		

Table A.6 (continued)

Table A.6 (continued)

T-TEST FOR F1-2 FEMALES

90083 80083	GROUP 1 - STATUS GROUP 2 - STATUS	TATUS							Boolen	UARIANCE	PROLED UMPIANCE ESTIMATE		SEPARATE UARIANCE ESTIMATE	STIMATE
UNTIABLE	2	₹ų	NUMBER OF CASES	Æ	STANDARD	STANDARD ERROR	E CALUE	2-TAIL PROD.	CALUE	DECREES OF 2-TAIL FREEDOM PROB.	F 2-TAIL PR03.	TORUE	DEGREES OF FREEDOM	PROF.
46711	2 1 2 1 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2	CONTROL	74.53.50 80	39.56 38.56	112 DAYS 2.380	- 8.	# 5.85		•	91	6.637	-0.52	12.52	0.610
	afficate.	GROUP 2 10	<b>.</b>	33,7196	5.75	1.121				1				1
1115	25	-control	Z-EXPC	UGT119 1-CONTROL 2-EXPOSURE AGE:119 GROUP 1 8 34.7250	119 DAYS 1.858	.657		200	-0.36	16	6.723	-0.46	. 6.2	0.697
	ances.	GROUP 2 10	9.	35.6239	6.847	2.165				1	1		1	1
UCTIZ	1000	CONTROL	2-EXPC	UGT126 1-CONTROL 2-EXPOSURE AGE:126 GROUP 1 7 37.0000	126 Days 2.647			X.	- 44	ž	6.82	-4.26	12.52	<b>€.796</b>
	900	GROUP 2 10 37.62	•	37.6200	6.710	2.122	; ;							) ; ;
UCT13	1 000 E	UGT133 1-CONTROL Z-EXPOSURE N	Z-EXPC	37.6428	133 DAYS 1.520	8.575	4 H	•	30		88.		10.50	9.766
	SROUP	GROUP 2 10 37.02	•	37.68	6.193	1.958			<b>**</b> E1					!
4173	GROUP	UCT140 1-CONTROL 2-EXPOSURE A GROUP 1 7 38.51	2 - EXP(	38.5143	140 DAYS 4.154	1.57		787	1 P.67	51	6.510	.72	15.00	6.482
	GROUP	GROUP 2 10	•	36.7400	8.998	1.897			* =	, ,			1	!
501	CROUP	UCT:47 1-CONTROL 2-EXPOSURE A GROUP 1 7 36.08	2 - EXPK	05URE 4GE 1147 36.0857	147 DAYS S.555	2.1			1 - 2	5	6.827	24	14.94	9.817
	2043	+8·9€ •1 ≥ dno45	•	36.8400	7.638	2.415							1	;

Table A.6 (continued)

CAOUP 1 - STATUS	- 0	TATUS							* POOLED	POOLED VARIANCE ESTINATE		SEPARATI	E SEPARATE VARIANCE ESTIMATE	STIMATE
UNRIABLE	ä	ž v	NUMBER OF CASES	76.04	STANDARD	STANDARD ERROR	ארתני א השנתני	2-TAIL PROB.	E UNIUE	DECREES OF FREEDOM	2-TAIL PROB.	VALUE	DECREES OF FREEDOM	2-TAIL PROB.
UC7151	Croup	-CONTROL	2.ExP0	UGT151 1-CONTROL 2-EXPOSUME AGE:161 GROUP 1 7-39.1428	161 EAYS 3.735	1.412	-	6	-	ñ	921	7	13.74	6.967
	S WOULD	~	ĕ	39.2599	7.703	P. 436								
UCT168	500	-COMTROL	2.ExP0	METIGS 1-CONTROL 2-EXPOSURE AGE:168 GROUP 1 7 41-2000	168 pays 3.162	1.196				2	9	•	51.51	6.652
	505	CROUP 2 10	•	<b>**</b> . <b>**</b> 99	7.231	2.287		_						
UCT175	505	-CONTROL	Z-EXPO	UCT175 1-CONTROL 2-EXPOSURE AGE:175 CROUP 1 7 41.7857	175 DAYS 2.912	1.101				ũ	908		12.48	. 88
	anous Carone	CROUP 2 10	•	41.3900	7.440	2.353								
UCT182	1005	COMTROL	2-ExP0	SUPE AGE:	WGT182 1:COMTROL 2-EXPOSURE AGE:182 DAYS GROUP 1 7 43.6285 3.222	1.218		:		-	762		12.84	6.731
	2000	croup 2	10 +2.06	15.0699	7.721	2.442								
601188	CROUP.	CONTROL	2-ExP0	UGT189 1-CONTROL 2-EXPOSURE AGE:189 DAYS GROUP 1 7 43.9714 4.31	189 DAYS	1.632		:		Ž	700		1.4.	6.672
	S TOORS	~∪	: 45.67	45.6790	7.987	5.529								
8119	GROUP	CONTROL	2-ExP0	451196 1+CONTROL 2-EXPOSURE ACE:196	196 DAYS 3.986	985.1				9	240	38	13.73	0.71
	SPOUS	saour 2	•	44.36	8.229	2.6%S	6 -	_		2				1
UC7283	2005	CONTROL 1	2-ExP0	UCT203 1-CONTROL 2-EMPOSURE AGE: 203 DAYS 2ROUP 1 7 46.3428 4.0.	203 DAYS	1.541	n.			-	798.		19.61	6.417
	Saddle 2		•		8.164	5.580	ļ		;	:			! !	ı

Table A.6 (continued)

UARIABLE								# POOLED	UMRIANCE E	STIMATE	SEPARAT	POOLED VARIANCE ESTINATE & SEPARATE VARIANCE ESTINATE	STIMME
	NUMBER OF CASES	ER SES MEAN	_	STANDARD DEUIATION	STANDARD ERROR		2-TAIL PROB.	# CALUE	F 2-TAIL & T DEGREES OF 2-TAIL & UALUE PROB. & UALUE FREEDOM PROB. 8	2-TAIL I	ב השרתב	T DEGREES OF 2-TAIL	2-TAIL PROB.
MGTZIO 1+CONTROL 2+EXPOSURE AGEIZIO DAYS GROUP 1 7 46.9205 4.689	MTROL 2	-EXPOSURE 46.9	AGE 1211	9 DAYS 4.689	1.772			0 0	ñ	92	3	2	€ 5
S anomo	•	78.11	3	8.472	2.679		701.9						
#G7217 1+CONTROL 2-EYPOSURE AGE1217 DAYS GROUP 1 7 47.4000 4.492	MTROL 2	-Exposure:	AGE 1217	7 DAYS 4.492	1.698					3		. 71	7.7
S THOUS	•	45.24	ţ	7.629	2.412					7			
467224 1.CONTROL 2.EXPOSURE ACE: 224 DAYS GROUP : 2.843	NTROL 2	-EXPOSURE . 9.9.	AGE: 224 285	6 DAYS 2.843	1.075				<u> </u>	.54	•	36.11	96.398
5 mos	•	44.518	198	8.696	2.53	U 20 4	ניאט היהנה	•			) }		

Table A.6 (continued)

•	1	1 1 1	•	•		•		+ -	₩ <b>-</b>	1 5	•			1			
40055	CROUP 1 - STATUS CROUP 2 - STATUS	TATUS TATUS									ŭ.	03100	POSLED VARIANCE ESTIMATE	STIMATE	SEPARATE	SEPARATE UARIAN'E ESTINATE	STIMATE
UMPIABLE	91E	₹ %	NUMBER OF CASES	AE BY	_	STANDARD DEUTATION	STANDARD ERROR		UALUE	2-TAIL PROB.		JALUE	DEGREES OF 2-TAIL FREEDON PROB.	2-TAIL	T	REGPEES OF FREEDOM	2-TAIL PROB.
VGT23	GROUP	UGT231 1-CONTROL 2-EXPOSURE AC	2.EXP	05URE 46	£ 1231	25 1231 DAVS 33 2.948	1.284		9	•		9	2	5	200	3	462
	GROU'S 2		0	45.1599	g.	996.2	2.519		1		• • •		-				7
uGT23	CROUP CROUP	-CUNTROL	Z-EXP(	UGT238 1-CUNTROL 2-EXPOSURE ACE:238 DAYS GROUP 1 7-64043	£ :238	DAYS 4.043	1.528					7,	ñ	107	9	2	4
	GROUP 2		1.0	44.610	•	7.939	2.511	* ** **	8	211.9	• * *		7				
12:54	SROUP	108EN22	Z • E x P :	UGT245   CCHTROL 2-EXPOSURE ACE:245 DAYS	E:245	5AVS 3.387	1.280		:			3	ñ	436		8	4
	GROUF 2	~	1.0	45.400	•	7.921	2.505		•	100.0	• - 4						
SCT2S	anoars 2	-50erTROL	2.EXP(	UGTESS 1-CONTROL 2-EXPOSURE ACE:252 DAVS CROUP 1 6 48.2166 1.560	£:252	DAVS 1.566	. 637	**				9	Ξ.	3		8	6.283
	S PUOR	N)	On.	45.877	ŗ	8.815	2.672	Ū • <b>&gt;</b> +	97 · 80				?	}	;		

Appendix B

Statistical Summary of Blood Parameters

Table B.1 Red blood cells of F3-2 male mice.

						,		BOOLED	POOLED UMRIANCE ESTIMATE	STIMATE 1	SEPARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UMRIABLE	ונ א סי	NUMBER OF CASES	£	STANDORD DEULATION	STANDARD	a untue	2-1A1L PR08.	VALUE	DEGREES OF FREEDOR	2-TAIL PR08.	WALLE	DEGREES OF FREEDON	PAOB.
AE 1828	HENZE 1-CONTROL 2-EXPOSURE CROUP 1 12 12 5-39	1. 2.EXPO	SUME AGE 5.3992	46E:28 DAYS	•		!	900	n	× •	4	2 2	€ 2.
	S anows	11	6.6682			<u> </u>			j				
MER70	MENTO 1-CONTROL 2-EXPOSURE CROUP 1 11 11	11.	7.8173	70 Berts 0.752	82		!		•	9			8
	2 400m	=	7.7964	1.163	<b>6.35</b> 1	ਜੇ ਪ		•	3				
EN SE	HENSON 1.CONTROL 2.EXPOSUME GROUP 1 8 7.73	1. 2-ExPO	7.78 A.	AQE 1100 DAYS	.85		!		y			3	8
	GROUP 2	<b>9</b>	7.7878	0.831	<b>6.2</b> 10		. 75		ė.		3		
E CARGO	MEMBER 1-CONTROL 2-EXPOSURE GROUP 1 5 7.04	2 E-CO-0	7.9.4 4.9.4	ACE:250 DAYS	6.313		•			Ş	2	7.87	. 793
	crow 2	v	7.1680	6.747	.334		Ê		•				
<b>PECIEN</b>	HENGE 1-CONTROL 2-EXPOSURE 0/60/P 1 7.31	L 2-EXPO	SURE MOE	AGE : 300 DAYS	•.27		! `		3		•	11.46	.186
	GROUP 2	,	6.8	. 75	. 22	£ 	•	:	į			1 1	•
NEW 3S	MEMBS 1-COMTROL 2-EXPOSURE GROUP 1 7-49	L 2-EXPO	SURE AGE 7.4971	AGE:350 DAYS 071 0.641	2+2*•		! `		ç		2	8.	. 485
	CROUP 2	<b>r</b> ~	7.79	9.86	•.325	E 	×	) -	<u>.</u>				
<b>1</b> 0.000	HEMSON 1-CONTROL 2-EXPOSURE GROUP 1 5 7.44	L 2-EXPO	SURE AGE 7.4468	AGE: 688 DAYS	0.611		1		d	3	9	00	6.4
	sacup 2	w	8.1617	1.500	6.613	1.61 1.61			•		•	; ; ;	•

Table B.2 White blood cells of F3-2 male mice.

UAR I REES		CASES	NUMBER OF CASES NEAN	STANDARD DEUTATION	STAMBARD ERROR	3	30145	PROB.	T T	DECREES OF FREEDOM	2-TAIL #	T STUE	DEGREES OF FREEDOM	PROB.
HEN28	HENZS 1-CONTROL 2-EXPOSURE ACE:28 GROUP 1 12 23.9333		-EXPOSURE AG	E 128 DAYS 11.398	3.290		. 4.	401		€.	.38	1.83	18.92	. 282
3	GROUP 2 10 19.4100	:	19.480	7.381	2.315						OI 60			1
E H.S	HENTO 1-CONTROL 2-EXPOSURE AGE 170 GROUP 1 11 15.0636	3L 2-EX	POSURE AG 15.8636	£176 DAYS	0.533				7	*	1 202	9	16.20	9
3	GROUP 2 11 15.5909	11	15.5908	2.839	9.86	-	, ,			}		<u> </u>		
E 3.8	MEMIGO 1-CONTROL 2-EXPOSURE PGE:100	31 2.EX	POSURE AG 16.9000	E:100 DAYS	1.222							•		
3	GROUP 2 9 16.1444	ø.	16.1444	2.587	9.862		<u>.</u>							
HERRESO CA	MEM250 1.COMTROL 2.EXPOSURE AGE:250 GROUP 1 5 14.5800	3. 2.EX	POSURE AG 14.5800	E:250 DAYS	2.045					•	* * *	-	5. 27	4
3	GROUP 2 5 9.9801	s	9.88	2.548	1.139		3			-				
#EN3@	HENGO 1-CONTROL 2-EXPOSUME AGE:300 GROUP 1 7 9-5986	7. 2.EX	POSUME AG 9.6986	£:300 DAYS 1.466	0.554						*******	5	200	060
3	GROUP 2 7 11.6367	۲	11.6367	3.649	1.379		G.			•		•	) 0 (	
95239	MENSSO 1.CONTROL 2.EXPOSURE AGE:350	2 2 EX	POSURE AG 14.2714	E:350 Days 3.433	1.298	***	1	8	1	Ž	9	8	11.9	
-8	GROUP 2 7 10.5343	^	10.5343	3.5	1:34		<u> </u>	!	;					
15 E	HENGES 1-CONTROL 2-EXPOSURE AGE:608 GROUP 1 5 17.0000	X 2.EX	POSUME AG	E:600 Days 3.263	1.459		1			c		8	4	7
3	croup 2		6 16.4350	11.000	4.531	= ==	11.57							

Table B.3 Packed cell volume of F3-2 male mice.

VARTABLE	ä	78	HAMBER OF CASES	<b>16.</b>	~₩	STANDARD DEUIATION	STANDARD ERROR	# K	F 2-TAIL		VALUE	PECREES OF FREEDOM	PROB.	* UALUE		PREEDON	2-TAIL PROB.
120	200	HENZE 1-CONTROL 2-EXPOSUME AGE 128 DAYS GROUP 1 13 44,7500 2.340	2 - EX	2. 75 42. 75	32 · 30	25.34 2.34	9.9.	0	9		4	~	682	# # # # # # # # # # # # # # # # # # #	4	65.63	676
	CHOUP 2	~	11	45.8		1.4	¥. 438	; . <b></b> .		**		;			•		
NE H78	POTO T	MENTE 1-CONTROL "-EXPOSURE MAE: 70 GROUP 1 9 46.5222	Š	\$5.82 \$6.22	2.3	DAYS 1.563	. 62		•			ی	741		7	75. 51	34.
	GROUP 2	~	σ,	<b>45.8889</b>	a	2.52.	•. 841							# 44			, , , ,
• F = 7	CROUP	464166 1-CCNTROL 2-EXPOSURE AGE: 100 DAYS 46.2560 0.886	2-EXPC	30.50 46.25	CE:10	0.896 0.896	0.313		£2.4		,	Ç	3		,,	×	457
	GROUP 2		•	45,8571	-	1.069	•.44				2	?		; 	• •		
KERES	5005	HERESO 1-CONTROL 2-EXPOSURE	2-EXPG	14. 000	ACE:258	DAYS 0.886	. 4		1				100	***	52	9	45.0
	CROUP 2	2	45.84	45.800	•	9.816	. 48	<u> </u>			?	e			•		
HEN34	C S S C S	HENSON 1-CONTROL 2-EXPOSUME GROUP 1 6 41.66	2-ExPG	SURE #	ACE 1386	2.338	9.955		i			,	900 0		133	2	. X.
	CROUP 2	<b>~</b> i	е.	3 41.3333	_	6.577	<b>6.333</b>		•	• • •		-		**	,		
HE PLOSE	2005	HERUSO 1-CONTROL 2-EXPOSURE AGE:350 DAYS CROUP 1 5 42.2000 3.194	2-Ex <b>P</b> 0	SURE A	EE 138	9.194	1.438		•		9	•	¥.5	**************************************	59	8,	.5+5
	S TOUR	₽	•	43.20	•	 ¥	• .583					•					
	\$	HETICO 1-CONTROL 2-EXPOSURE GROUP 1 5 39-44	2.52	39.46 39.48	# # # # # # # # # # # # # # # # # # #	9.845 3.812	1.749		:			œ	745		. 31	4.7	99.768
	CROUP 2	œ	•	34.8333	6	1.329	6.543	•		• •• •		•	? •		•		

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Table B.4 Hemoglobin of F3-2 male mice.

User I militie	놽	₹ <sub>8</sub>	MUNDER OF CASES	HEAS	STANDARD DEUIATION	STANDARD ERROR	ر •• به	SALLE MILE	2-TAIL PROB.	3	VALUE	DECREES OF FREEDOM	2-TAIL #	VALUE	DECAGES OF FREEDOM	PROB.
HE H28	CROUP	1+CONTROL 2+EXPOSURE (GROUP 1 12 15.70	2.EXP0	15.7083	HERZS 1-CONTROL 2-EXPOSURE AGE:28 DAVS GROUP 1 12 15.7083 1-025	6.296		2. B.	•.13k	7	-6.17	8	6.869	-0.17	18.32	<b>6.86</b> 3
	5		•							-	•	1	- :	_	1	
HEN 10	2005	-control	2-6200	HENTO 1-CONTROL 2-EXPOSURE MGE 170 GROUP 1 11 16.5636	170 DAYS 0.461	0.138		7	187		6.	2	6.529 H	9	17.14	6.531
	SPOR	n <sub>2</sub>	::	GROUP 2 11 16.7273	0.711	<b>6</b> .214		<u> </u>								
FE 19	GROUP GROUP	-CONTROL	S-EXPO	MER190 1-CONTROL 2-EXPOSUME AGE:100 GROUP 1 8 17-4500	1100 DAYS 0.958	0.338					3	;			0	9
	GROUP	nu	•	GROUP 2 9 17.1778	1.188	9.396		ž.			٠. •	\$	<u>.</u>		•	
HENZS	CPOUP	-CONTROL	2-EXPO	MENZSB 1-CONTROL 2-EXPOSURE MCE:250	:250 DAYS	<b>9.53</b>				***			42.5		6	674
	di Outo	GROUP 2 5 15.124	<b>v</b> s	15.1200	<b>6.638</b>	• . 235	• * *	5				•				
NEW 36	CAOUP	-control	. 2-ExP0	MENJOO 1-CONTROL 2-EXPOSURE AGE:300 CROUP 1 7 14-2143	1300 DAYS	0.294						0	8	•	78 · ·	008
	3083	GROUP 2 7 14.271	,	14.2714	6.871	•.328		<u>.</u>								
NEW OF THE PARTY.	2003	-CONTROL	2.EXPO	MERGSO 1-CONTROL 2-EXPOSURE MCE1350 CROUP 1 7 15-5143	1350 DAYS	•.483		8	3		X	12	6.231	-1.26	3.13	0.231
	200	CHOUP 2	2	7 16.200	98.	•.345	• • •	?			3				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;
SET SE	200	-contract	P-EXTO	HETMEDD 1-CONTROL 2-EXPOSLINE ACE:600 CHOUP 1 5 12.8200	:500 DAYS 1.648	•.737			!		3	đ			4	35.
	305	CAOUP 2	<b>u</b>	6 12.4833	0.943	.385	<b></b>	S	Ğ			•		;	:	

Table 9.5 Lymphocytes of F3-2 male mire.

OROUP 1 - STATUS EQ GROUP 2 - STATUS EQ	US E0	≓ <b>ni</b>				E POOLED UARIANCE ESTIMATE	MANCE E	STEMATE &	SE PARATE	SEPARATE UARIANCE ESTIMATE	STIMATE
UMRIABLE	NUMBER OF CASES	ER SES REGION	STANDARD	STANDARD ERROR	E F 2-TAIL E UMLUE PROB.	T DEC	DEGREES OF FREEDOM	Z-TAIL F	UALUE	DECREES OF FREEDOM	PROD.
MEM28 1-CONTROL 2-EXPOSURE GROUP 1 11 74.5	WTROL 2'	EXPOSURE ACL	SURE ACE 128 DAYS 74.5454 5.298	1.596	# #		9		3	53 63	
GROUP 2	=	78.7900	6.36	2.011			:				
MERT0 1-COM	HTROL Z-EXPOSUI	1-CONTROL 2-EXPOSURE AGE178 GROUP : 9 74.6667	E170 DAVS 6.745	2.248	!						
GROUP 2	=	11 74.3636	5.921	1.785	999. R.:		9				
MEM100 1-CONTROL 2-EXPOSURE AGE:100 GROUP 1 10 73.7000	TROL 2	-EXPOSURE AGE 73.7000	E:100 DAYS 9.238	2.921	•						
SROUP 2	00	78.3750	10.239	3.620	20. P. C	)	0			7:11	
HENZS 1-CONTROL 2-EXPOSURE AGE:250	TROL 2	EXPOSURE ACE 73.2003	E:250 DAYS 3.701	1.655	:			766	0	<b>6</b>	
CROUP 2	*	77.75	8.770	4.385	2. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	<u> </u>	_				
HEM300 1-CONTROL 2-EXPOSURE ACE:300 DAYS GROUP 1 7 60.000 10.833	VTROL 2	EXPOSURE ACE	E:300 DAYS 10.832	<b>*.00</b>	•	-			*	8 7	0.739
CROUP 2	^	61.5714	5.381	2.034	4.50		ų			<u>}</u>	
HERISSO 1-CONTROL 2-EXPOSURE MGE:350 GROUP 1 7 57:1429	TROL 2	EXPOSURE ACE 57.1429	E1358 DAYS 11.866	4.485	!				46	0	9.475
S ROUP 2	9	62.500	13.883	5.655	1.36 q./09		-		:		
HENGOD 1-COMTROL 2-EXPOSURE AGE:600 GROUP 1 6 56.5000	TROL 2	-EXPOSURE AGE	E1600 DAYS 9.731	3.973	1				, a	7,	<b>◆</b>
CROSS 2	S.	63.600	9.45	4.226	1 1.06 0.982 1	- 1 · 60	>		3		)

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Table 8.6 Segmented neutrophils of F3-2 male mice.

UAR I MBLE	) LE	<b>7</b> 30	MUNBER OF CASES	E E		STANDARD DECLATION	STANDARD ERPUR	 VALUE	2-TAIL PROB.	* UPLUE	3	DECREES OF FREEDOM	2-TAIL #	VALUE	DECREES OF FREEDOM	PROB.
KEN28	CROUP	HENZS 1-CONTROL 2-EXPOSURE GROUP 1 11 21.	2-EXPC	05URE #(	6E 128	6364 3.325	1.002		9	-	•		4		20	6
	GROUP 2	<b>~</b>	11	19.4545	uh.	5.751	1.734						,			
MER 70	HERTE IN	1-COMTROL Z-EXPOSURE GROUP 1 9 23.	24 X 34	23.333	3.3333	DAVS 7.089	8.363	 4	900		4	<b>3</b>	* C C C C	•	13 87	9
	GROUP	GROUP 2 11	=	23.000	_	4.94	1.489					2				
E B I	GROUP	HERIOG 1-CONTROL 2-EXPOSURE GROUP 1 10 25.	2-EXPC	; =	AGE 110-	. JAYS 10.290	3.254	 -	4	4	ξ,	ñ	4 4 4	, •		
	SAUCAS	<b>~</b> J	•	26.2500	_	10.780	3.811		3		}	2				10.
¥EN2S	CROUP	HENZSE 1.CONTROL E-EXPOSURE GROUP 1 5 25.	EXPOSURE 5	SURE A	582.33	ACE 1250 DAYS	1.913		3	9	•	•	2 269	, •	96 6	•
	S PUORO	~	•	27.5		9.574	4.78%			; 	•	•		?	, ,	
E P	505	HENDSS 1-CONTROL 2-EXPOSURE CROUP 1 7 38.	2-ExPO		<b>36</b> 0	AGE: 300 DAYS	3.817					-		4	6	1
	S PLOSE	N	9	38.600		5.762	2.352		<b>8</b> .5.5	•	•	<b>:</b>			•	
ES 35	Coord	MENUSO 1.CCMTROL 2-EXPOSURE GROUP 1 7 39.	Z-EXPO		£ : 350	ACE:358 DAYS	3.719		8		6	ō	# 15° 4	6.97	12.68	K
	CROUP 2	~	7	34.	_	 	3.780	 3				<u>.</u>				
#ERG	GROUP	MEMBER 1-CONTROL 2-EXPOSURE GROUP 1 6 48.	2 - Expo	35URE AG	E AGE 1680 1.	DAYS 10.211	4.169		,			a	# 2FC 4	×	<b>3</b>	9.258
	GROUP 2	N	•	31.7500	•	11.587	5.793	 ξυ· Τ				0		:		

Table B.7 Red blood cells of F3-2 female mice.

							,		# POOLED	POOLED VARIANCE ESTINATE	STIMATE	E SCPARATE	SCPARATE UARIMACE ESTIMATE	STIMMIE
UNETABLE		S SWS S	<b>36.8</b>	Ş	STANDARD DEUIATION	STANDARD ERBOR	* CALLE	2-TAIL PROB.	# # # \$ C.D.E.	DEGREES OF 2-TAIL FREEDON PROB.	PROB.	CALLE	DECAREES OF FAREBOA	PROB.
	68 1.CONTROL 2-EXE GROUP 1 10 GROUP 2 11	E I	2-ExP05	5.6326 5.6326 4.6318	AGE:28 DAVS 360 1.766 118 1.286		. 76	0.391		ĝ.	•.331		16.69	6.339
3 3	MERTO 1-CONTROL 2-1-05URE GROUP : 9 7-15	TROL	2	7.4589 7.7491	74 DAYS 0.937	•.315 •.869		. 163	-0.71	<b>300</b>	4.	-0.70	16.84	6.491
HEP100	1-00H 240LP 1 680LP 2	TB01.	E - E × P 0 S	HERIOD 1.CONTROL E-EXPOSURE AGE:100 GROUP 1 8 6.9775 GROUP 2 10 7.6220	196 DAVS 1.221	967 · •		9.415		91		45.1.	12.72	6.237
\$ 3 3	GROUP 1	TROIL	\$4EXB0\$	HERES 1-COMTROL 2-EXPOSLIRE AGE 1258 GROUP 1 5 7.9508	. 678	¥	*	Ž	9	,	82S.		98.9	555
3 3 8 8 8 8	GROUP 1	TROL	2-ExP05	MEN300 1-CONTROL 2-EXPOSURE AGE:300 GROUP 1 4 8:1675 GROUP 2 6 7-9617	34 54 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* *		8	.32	69	3.	*	17	•
	EIGS. 1-correct and a calcular a	TBOT	2-ExPos	HERITS 1 + CONTROL 2-EXPOSURE AGE:358 GROUP 1 4 7.7288 GROUP 2 7 7.8171	356 Days 0.847 0.655	29 . S.		3.		G.	8		11.5	• <b>. B</b> S1
	arour :	100	2-ExP05i	HENGE 1-CONTROL 2-EXPOSURE AGE:688 GROUP: 3 10.3467 SROUF: 2 6 9.8658	600 DAYS 0.353 2.039		33.45	• • • • • • • • • • • • • • • • • • • •	## <b>#</b> .39		9.786	.56	5.53	. 594

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Table B.8 White blood cells of F3-2 female mice.

MARIABLE	316	₹8	NUMBER OF CASES	¥ 3	STANDARD BEULATION		STANBARD ERROR	<b>*</b>	white	2-TA1L 1 PROB. B	- Selue	DECREES OF 2-TAIL FREEDOM PROB.	2-TA1L #	UALUE	DE SPEES OF FREEDOM	2-TAIL
¥682	CROUP 1	OWTROL	2-EXPO	17.552	HERES 1+CONTROL 2-EXPOSURE AGE128 DAYS	<b>5</b>	2.271		1.13	34.	*	91	4.958	5	18.97	. 958
	GROUP 2 11		11	17.7254	7.621	ä	2.286				-		•	1 2 3 1 1		
HE H78	HENTO 1-CONTROL 2-EMPOSURE MEETO GROUP 1 9 13-3967	ONTROL	2-EXP0	Sure at 13.3867	E170 DAYS	5	0.911		4	2	<b>X</b>	•	***	7	8	173
	CAOUP 2	•-	11	15.7391	4.741	=	8.1		<b>.</b>			:	~ ~			
MEM10	MERIBO 1-CONTROL 2-EXPOSURE AGE:100	DNTROL	2-ExP0	SURE AG	E:186 DAYS	S 11	31.1					1 1 1 1 1 1 1 1 1 1 1 1 1		•	ů	*
	GROUP 2		•	14.8640	4.938	#	1.562		ù.						90.	
AC MESS	HENESO 1-CONTROL 2-EXPOSURE AGE:258 CROUP 1 5 10.3050	ONTROL	2.ExP0	SURE A	£:256 DAYS	58	. 983					·	,	8	3	
	CROUP 2		•	11.3756	1.209	2			y •	Ž						
E HO	HERDO 1-CONTROL 2-EXPOSURE GROUP 1 4 11.9	ONTROL	2-ExP0	35UNE AGE: 300 D	£:300 DAYS		.751				,	đ			53.	
	GROUP 2		۵	9.1933	1.934	ž	9.789		9					,		
500	HENDSA 1-CONTROL 2-EXPOSURE ACE1358 GROUP 1 4 12.1500	ONTROL	2-EXPO	SURE 0.	£1350 DAYS		1.176				-	a	9		93.6	.283
	S 470ES			10.622	•.93	=	9. X.									
	HENESO 1-CONTROL 2-EXP.	OFFEDE		05URE ACE:600 1 13.0667	E : 600 PAYS 1.000	<b>.</b> 2	6.617	***	7	8	7	•	. 202.	8	S. <b>6</b> 4	
	S TOUR		<b>y</b>	17.986	8.799	8	2.387	•		<u> </u>						

The second secon

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Table B.9 Packed cell volume of F3-2 female mice.

UMETABLE	y y	MUMBER OF CASES	ER RES	£	STANDARD DEUIATION	1000 T	STANDARD ERROR	2 H	WELLE 2	2-TAIL PROB.	UALUE D	DECREES OF FREEDOM	PROB.	CALUE CALUE	DECREES OF FREEDOM	PROB.
NE NE	HENEE 1-CONTROL 2-EXPOSUME MGE:28 DAYS	701 Z	ExPosum 45.	2	2	MV5 2.214	<b>.</b>		<b>5</b>	4	5	*	3		2	<b>6.64</b> 1
	S1 ≤ 400€2	12	‡	.9167	-	1.379	9.398			7						
M STA	HERTO 1-CONTROL 2-EXPOSUME ACE:70	2.0	EXPORTE 43.	3	: -	2045 6.004	R.13		8	i	-	ā	8 C	4	7.07	- 184
	CROUP 2 10	=	*	•		1.767	6.559					!				
MEDI 0	HERIGE 1-CONTROL 2-EXPOSURE AGE:100 GROUP 1 8 44.1260	401 2	EXPOSURE 44.	ACE:	8	9AYS 2.532	9.896			-	0	ي	G	¥	0 d	6.677
	CROUP 2	O)	9 46.1111	1111	-	1.453	• •			•				}		
MERRESA	MER254 1-CONTROL 2-EXPOSURE NGE 1254 GROUP 1 5 44.8000	ž Jog	ExPOSURE 44.	3000 E		DAYS 1.005	. 48		ì	604	-	·	6		61.E	6
	CROUP 2	₽	2 46.	.53	•	7.07	• 55		ا ن						3	
HEN300	MERIGO 1-CONTROL 2-EXPOSURE GROUP 1 2 42.0	201 2	ExPosuR	SURE AGE:300		DAYS 2.828	2.8					u	?	-	-	Ŕ
	CROUP 2	νn	<b>‡</b>	<b>.</b>	•	<b>6.8</b> 37	9.374	-	<b>5</b>							
NEW3SE	MERISSE 1-CONTROL 2-EXPOSURE GROUP 1 4 45.2	2 TOL 2	Exposum 4S.	SURE ACE: 354 1 45. 2540	386	DAYS 1.788	. 154		,			a	236	-1.53	6.3	6.13
	CROUP 2	9	#	<b>\$</b>	•	4.764	1.945		•			•				
<b>1</b>	HENGOS 1-CONTROL 2-EXPOSURE CROWN 1 - 41.75	7	ExPosum 41.	204 H	1	78 78	• 854					٠	2	3,17	04.3	. 167
	CAOUP 2	Ŋ	7	į		2.646	1.183		F i	•	•				i	

Table B.10 Hemoglobin of F3-2 female mice.

UARTMBLE		MUNICER OF CASES	TE DY	STANDARD DEULATION	STANDARD ERROR	Topice .	2-Tall	UALUE UALUE	PECAPEES OF FREEDOM	PROB.	S VALUE	DECARES OF FACE DOR	PROB.
HE FIZE GRO	HERES 1-CONTROL 2-EX	S	URE AGE:	AGE 128 DAYS 500 0.863	6.273	× = = =	255	92.0	9	9.276	4 H H	17.45	577.
9	GROUP 2	11 19	15.6009	1.306	<b>6</b> .394				:	•			
MERT B GRO	MERTS 1-CONTROL 2-EXPOSURE AGE TO GROUP 1 9 15.7222	P-Exercise	RE AGE:	76 BAYS 1.350	3.								
9	CAOUP 2 11		16.2818	1.108	• . 332	<u>.</u>							•
MERIES GRO	MENIBO 1-CONTROL 2-EXPOSURE GROUP 1 8 15.5	2-ExPosu	SURE AGE:190 B	100 DAYS 2.696	6.953				, , , , , , , , , , , , , , , , , , ,	400 d			, , , , , , , , , , , , , , , , , , ,
8	CAOUP 2	10	16.7400	1.116	0.353								
HENESO CRO	HENESS 1-CONTROL 2-EXI GROUP: 5	} <b>5</b>	SURE ACE:250 15.4200	25e DAYS 6.983	•••			4				00	266 0
Š	CROUP 2		15.25	•.37	9.185								
#£Y3#6	HEM300 1-CONTROL 2-EXI	, E	NUME AGE: 300 15.8500	300 DAYS 1.529	0.764		!		6 6 1 1 1 1 1 1 1 1 1 1 1	9			400
83	CROUP 2	9	15.3333	6.612	0.250	, ,		•					
MEDITOS 6	HENSSO 1-CONTROL 2-EX	} <b>ਨ</b>	JUNE ACE: 359 16.6000	350 bers 0.868	0.434		:				1	3	* ·
*	2 47045	7	16.7867	• . 518	•		Ř	•					
657696 6870	MENGOS 1-CONTROL 2-EN	Þ	FURE NOE : 606 : 4. 4000	606 BAYS 2.942	1.471		•					3	7.30
3	CROUP 2	9	13.8500	1.095	0.447	1 7.22	2		<b>&gt;</b>		} ;		}

Table B.11 Lymphocytes of F3-2 female mice.

									# POOLED	POOLED URRIANCE ESTIMATE		SEPARATE	SEPARATE VARIANCE ESTINATE	STIMATE
MARIABLE	ži	ສີ ຂໍ <sub>ອ</sub>	NUMBER OF CASES	ž	STANDARD DEVIATION	STANDARD	# CALUE	2-TAIL PROB.	# UALUE	DEGREES OF FREEDOM	2-TAIL 1	VALUE	DECREES OF FREEDOM	2-TAL.
82H 34	CROLE	MERIZE 1+CONTROL 2+EXPOSURE GROUP : 18 75-4	2-EXPC		ACE 128 DAVS	2.973		!	-					0
	GROUP 2	0,	12	79.6667	8.015	2.314	* · · · · · · · · · · · · · · · · · · ·		9 7 1 *	Pu .		ù.	<b>3</b>	<b>3</b>
F 7000	380UF 1	SPOUP 1 6	2-EXPC	POSIJOE AGE 170 86.6667	170 DAYS 5.354	2.186							1 1 1	
	S PUDAD	0,	•	17.625	5.208	1.841		9.916	) - -	2	8	<b>.</b>	<b>S</b> .	. 31 <b>6</b>
1631 66	) - I	CONTROL	2-EXPC	MERIGO 1+CONTROL 2-EXPOSURE AGE 1100 GROUP 1 5 78.8000	1100 DAVS 5.450	2.437		1		! !				
	S QUORS	0.	~	72.4286	7.345	2.776		• . 5 <b>116</b>	<u>.</u>	<u>.</u>	6.1.3		5.	
#ER25	300	MERES 1-CONTROL 2-EXPOSURE CROUP I 4 73.0	2-ExPO	SURE AGE1258	1258 DAYS	1.472		!					,	•
•	S allows	(31	•	79.	5.228	2.614	3.15 H H H	. 371	<b>8</b> ? <b>* * *</b>	۵	,	<b>5</b>	7	
# H 300	100	CONTROL	2-ExPG	HEM300 1-CONTROL 2-EXPOSURE AGE:300	300 DAVS 6.131	3.865		•						
	catour 2	0,	•	29.1667	6.676	2.725		. •	<del>.</del> 	<b>1</b> 0	701		3	
<b>956434</b>	anoars	CONTROL	2-ExP0	35URE AGE 75.000	HEM350 1-CCMTROL 2-EXPOSURE AGE:350 DAYS GROUP: 4 75.0000 12.028	6.014						3	9,	44.
	CROUP 2	0,	ď	69.200	4.868	4.1.5	P	F 11.3	:: 			3	•	
# 36 m	Coop 1	HEMSON 1-COMTROL 2-EXPOSURE GROUP 1 4 72.7	Z-EXPC	35.75€	JURE AGE: 600 DAVS 72.7500 2.986	1.493		1						
	S dipos		ي	73.1667	9, 126	7. 807	<b>.</b>		8. 9. 	BE)			ò	j K

Table B.12 Segmented neutrophils of F3-2 female mice.

37841460	걸	26	NUMBER OF CASES	HE OF	STAMBARD DEULATION	STANDARD ERROR		UALUE 2	PROB.	5	VALUE	DECREES OF FREEDOM	PROB.	UALUE	DEGREES OF FREEDOM	PROB.
#E#28	GROUP	-control	N.EXPO	MENCE GROUP 1 CONTROL 2-EXPOSURE AGE 25 DAYS	126 DAYS 8.042	2.543	**				•	•	700		9	G
	2000	GROUP 2 12	2	25.3333	7.512	2.168		-			<b>;</b>	2				
MERITO	SROUT.	-CONTROL	2-ExP0	HERTO 1-CONTROL 2-EXPOSURE AGE:70 GROUP 1 6 17,3333	:76 DAYS 5.125	2.692						9	¥ 6	•		•
	GROUP	GROUP 2	•	20.6250	6.35	2.211		;			3	:				
HEN1 B	CROUP CROUP	*CONTROL	2.EXPO	SUPE AGE	HERIBO 1-CONTROL 2-EXPOSURE AGE: 180 DAYS (GROUP 1 S 19:8000 4-664	5.059			363			•	304			
	d∩o#3	CAOUP 2	^	8.7143	5.992	5.265		:				2		}		
XX.	5	-COMTROL	2-EXPO	MEMASSO 1-CONTROL 2-EMPOSUME AGE:250 DAYS	:250 DAYS	5.056		1				٠	4,0	4	6	×
	30	croup 2	Ŋ	21.2000	5.933	2.653						-			;	
ACH 34	200	COOTROL 1	2-ExP0	HERIGOD 1-CONTROL 2-EXPOSURE AGE:388 GROUP 1 4 31.7500	1388 DAVS 6. 185	3.692			i			·	,	9	o V	
	CROUP 2	~	s	£2. #	5.701	2.55		= -			• • •	•	R			
HEROS	2000	-coerteol.	2-ExPO	SURE AGE	METIGG 1-CONTROL 2-EXPOSUME AGE: 350 DAYS GROUP 1 4 21.5000 10.083				:		63	,	173	2	88.7	6.237
	2 4005	N.	ı,	29.65	4.301	1.924		ř	£ .	i'	y .	•	!			
Ž,	8	-control	2-ExP0.	METICON 1.COMTROL 2.EXPOSURE AGE:600 GROUP 1 4 27.0000	1600 Days 3.651	28:1									er or	668
	3	CROUP 2	•	26.000	9.55	3.899	-	9	6.84 0.144	~ ~	Ŗ.	20				

Table B.13 Red blood cells of F4-2 male mice.

									-	POOLED	JOHN THOSE E	STIMATE	SEPARATE	POOLED JARLANCE ESTIMATE & SEPARATE UARLANCE ESTIMATE	STIMATE
STEPTE	), LE	£٧	MUMBER OF CASES	Ę	STANDARD DEUIATION		STANDARD ERROR	E UALLE	F 2-TAIL A	+ CALUE	T DEGREES OF 2-TAIL	2-TA!L:	VALUE	DEGREES OF	2-TAIL PROB
#E#28	1 40080	-CONTROL	2-EXP0	35UPE AG 7.3787 6.9810	E 1 28 D	AYS •.64 •.373	<b>6.</b> 226	2.95	2.95 0.133	1.65	<b>9</b> .	97 	95.1	6.79	•.147
£#7	1+00 GROUP 2	-control	6 2-ExPd	508E AG 7.3486 7.6911	E: 7 D	6.718	6.271	3.39	3.39 6.114	-1.82	*-	6.2.41	*	8.72	. 285
¥ 14 ¥	AROUP 1	-COMTROI	9 - S	35URE ACT 7.1860 6.5633	8	DAYS 8.554 8.554	6.248	1.45	1.45 6.743	99	6	6.131	1.69	8.	Xi •
KERZS	GROUP 1	-CONTROI	2-EXPO	15URE AG 8.0720 7.5429	95213	DAYS 0.777	347	2.65	2.65 6.275	4	•	€.172	1.35	6.15	<b>X</b> 2.
NEWBE	CROUP 1	-CONTROI	2-EXP0	3825 10.3825 8.4283	£1350	DAYS 0.656 1.716	5. 5 8. 5 8. 5	28.9	6.84	۳ 4	æ	9.065	2.53	60 60 7	*

Table B.14 White blood cells of F4-2 male mice.

31601900	Ä	₹5	HUMBER OF CASES	¥	ST.	STAMBARD DEUIATION	STANDARD ERROR	H F	Metur	F 2-TAIL UALUE PROS.	# VALUE	T DEGREES OF 2-TAIL S T UALUE FREEDOM PROB. 2 UALUE	2-TAIL PROB.	_ สุด • •		DECREES OF FREEDOM	2-TAIL PROB.
HE328	N28 1-COMP	-CONTROL	HENES 1-CONTROL 2-EXPOSUME AGEISE DAYS	3.6112	2	04VS 3.744	1,369				-	\ ! !				; ; ; ; ; ;	•
	anoas	GROUP 2 10		16.9020	_	13.933	4.466		· •	200 GT - FT		<b>4</b>	. 25.	-6.72	5/.	19.55	7 . 0
HER10	20042	H70 1-COMTROL 2-E	HENDO 1-CONTROL 2-EXPOSURE AGE178 DAYS	JPE AGE 16.9428	2	3.712	1.403			ŝ		:				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	<b>100</b>	croup 2	•	16.9778		4.042	1.347		?	0.00 m	*	-	. 936	• 		13.54	986.
HER1 84	2008	HERIBO 1-CONTROL 2-E)	2-ExP05L	XPOSUME AGE:100 DAYS 14.6000 3.016	3	DAYS 3.016	1.349		2								
	angus a	GROUP 2		14.6433		1.804	€.773		£.3	66.54	\$ •	<b>3</b>	<u>.</u>		ę.	<b>5</b> .	. 9 9 9
HE 1850	CROUP	HEN250 1-CONTROL 2-EX	2-ExP05L	XPOSURE AGE:250 DAYS 11.1140 2.007	\$5°	DAVS 2.987	8.838 6.898										
	S ANORS	N	7	11.0528		2.683	1.018			1.80 <b>9</b> 8.1		•	<u> </u>		<u>S</u>	5.	ĝ.
ME N 354	300	MEN350 1-CONTROL 2-EX	S-EXPOSU	ROSURE AGE:350 DAYS 20.6750 10.563	38	DAYS 0. S63	5.282								! ;		
	CROUP 2	2	9	21.6000		6.146	5.509		Š		81.8- 4 1/2.9 58.2	•	*****	<u> </u>	•	) f .	9 . BBC

Table B.15 Packed cell volume of F4-2 male mice.

\* POOLED JARIANCE ESTIMATE & SEPARATE VARIANCE ESTIMATE

UNETABLE	) i e	<b>5</b> %	NUMBER OF CASES	ž Ž	STANDARD DEULATION	STANDARD	100 m	F 2-TAIL	waruf	DEGREES OF 2-TAIL FREEDOM PROB.	2-TAIL #	± cetue	DEGREES OF FREEDOM	2-TAIL PROS.
NE NEB	MENZS 1-CONTROL B-EXP	COMFROL	B-ExPosur	RE ACE:	#05URE ACE:28 DAYS #5.1667 :.941	967.0		27.	4	3	707	67	ō	8
	SROUP 2	- -	÷	44.5000	1.784	6.563	<u>.</u>	3/1·		-			, ,	<b>8</b> 6.
HEN78	HENTO 1+CONTROL Z-EXP	CONTROL	2-ExP0504	RE AGE 1	POSURE ACE: 70 DAYS 43.0000 4.062	1.817				į	; # ## ·			
	~ a~?&	O1	<b>~</b>	43.875	1.642	0.581	)	6.12	C	-		•	7) 20 -	
H. H.	HERIGO 1-CONTROL 2-EXP	CONTROL	2-EXPOSU	RE AGE 1 5.6667	POSURE AGE: 100 DAYS 45.6667 1.356	<b>6.558</b>								
	S anoan	٥.	9	45.000	1 . 789	6.736	: :	ROC 1		2			n	7
MER25	HERESO 1.CONTROL 2.EXP	ONTROL	2-EXPOSUI	PE AGE:	205URE AGE:250 DAYS 44.4000 0.894	\$				;	1 PC MI 0	1 0	8	
	SHOUP 2	۸.	÷ ~	43.8571	1.215	0.459	£ :		, ,	2			Ř	
MEN35	HEN350 1-CONTROL 2-EXP	ONTROL	2-ExPosur	10 SURE ACE: 350	350 DAYS 6.377	3.189	,					•	•	0000
	SROUP 2	٥,	۲	41.5714	1.272	. 481	S C	63.1¢ •.•¢		>	7 M		•	

The second secon

Table B.16 Hemoglobin of F4-2 male mice.

)											F POCLED	POCLED UARIANCE ESTIMATE & SEPARATE UARIANCE ESTIMATE	STIMATE	E SEPARATE	UAR!ANCE	ESTIMATE
JAR I AB LE	<b>5</b>	₹6	MUMBER OF CASES	Ĕ	76.9%	STANDARD DEULATION	DARD TION	ST AND ARD ERROR	איי שונה	F 2-TAIL	# JALUE	T DEGREES OF 2-TAIL	2-TAIL PROB.	T D	DECAPETS OF	2-TAIL
HEM28	anoa:	HEN28 :-CONTROL 2-EXPOSURE AGE:28 DAYS	2-EXPC	35URE 16.2	\$5. 173. 173. 173.	82	75 648	6.229		£ 6		9	60.	-	6	•
•	5 900R2	~	•	15.8100	•	•	9.380	€.123		<u>.</u>			. 100			
HE#10	ROUP	HENTO 1-COMPRO! 2-EXPOSURE AGE 178 DAYS	Z-EXPC	35URE 16.8	AGE 17	76 DA	√5 . <b>0</b> 42	6.394				:				
J	GROUP 2	<b>~</b> i	o,	17.2889	688	•	629.	6.210				ζ.	180.		νς.	\$ 5 6
HEM100	ROUP	HERIGO 1-CONTROL 2-EXPOSURE AGE: 100 DAYS GROUP 1 5 17.0800 0.694	2-EXPO	SURE 17.	90E:1	•	AYS .694	0.310		Š						
3	GROUP 2	N.	9	16.3833	<b>8</b> 33	•	157.	9.308	: :	158.			r 		6	<b>Q</b> <del>-</del> · ·
WENZSO	PROUP.	MERES 1.00MTROL 2.EXPOSURE AGE:250 DAYS	2-ExP0	SURE 14.6	ACE 12	200	DAYS	•.265				:				
J	S QUORD	~	~	14.9429	429	•	.562	0.213		200		2			0	
•SCH3H	3000	MEM356 1.CONTROL 2-EXPOSURE AGE:350 DAYS GROUF, 1 4 15.6256 0.737	2.EXPO	35URE 15.6	AGE 13	38.0	AVS . 737	9.368			(1)				•	200
J	Secure >	~	9	15.8167	167	•	6.993	•. 465	) 	1.80 <b>-</b> .001		•	, c	65 · <b>A</b> · 33	•	-

Table B.17 Lymphocytes of F4-2 male mice.

UARIABLE	Ä	ž,	MUMBER OF CASES	¥		STANDARD DEUIATION	<b>8</b> 5	STANDARD ERROR		VALUE	F 2-TAIL VALUE PROB.	5 • •	T VALUE	DECREES OF 2-TAIL & FREEDOM PROB. #	2-TAIL PROB.	* value	DECAMENS OF 2-TAIL FREEDOM PROB.	2-TAIL PROB.
ENS	T TOUS	HERES 1-CONTROL 2-EXPOSURE AGE:28 DAYS 7-762	2.Exp	05UPE	ACE : 28	4 C	3	2.587			9 347		•			-	<u> </u>	320
	S AUCAS	٠.	•	73.900	į	8.8	5.587	1.767		. · ·	77.			•				
K H70	CROUP	HENTO 1-CONTROL 2-EXPOSURE AGE:70 DAYS GROUP 1 7-69:5714 5:593	2-Exp	05URE 69.51	₩ CE: 3	5.5 5.5	68	2.114		8	60,		8	3	• [6]	•	7. 40.	36.9
	CROJP 2	ru	<b>.</b>	688.59	688	<b>6</b>	9.858	3.276		i								
MER!	ceoup	HEN198 1-COMTROL 2-EXPOSURE AGE:100 DAYS GROUP 1 5 70.4000 4.596	2.Exp	05URE	AGE:10	9	96	2.015		90			4	<u>.</u>	2	4	3.07	8
	GROUP 2	2	~	72.7143	<b>£</b>	9.639	613	3.643										
FF25	GROUP	HERZS 1-CCMTR7L 2-EXPOSURE AGE: 250 DAYS GROUP 1 5 63.2000	2-EXP	OSURE 63.28	AGE:25	8.8	321	3.967		ř	402			9	6	2	(r	878
	S ANOUS	N	,	64.000	:	6.782	285	2.563		<del>.</del>	Pre: 0 17.1			2				
MERI3S	GROUP	MERSS 1.CONTROL 2-EXPOSURE AGE 350 DAYS 6.00 GROUP 1 4 68.7500 5.363	Z-EXP	05URE 68.75	339	20.0	ν. <b>63</b>	1.181										604
	9	ď		4440 73	•	010	0	2	<b>~</b> •	4.87	4.87 0.223		. 68		F F F F F F F F F F F F F F F F F F F	55.T	37.	j.

Table B.18 Segmented neutrophils of F4-2 male mice.

	MUMBER OF CASES		ASES	STANDE	18.0 UE 0.1	STANDARD STANDARD & F	ERROR	2-TAIL 8 T VALUE PROB. F	L LE	808		VALUE	DEGREES OF 2-TAIL # T	# P.B.O.B.		DEGREES OF 2-TAIL	004
ME FIZE	MERGES 1.COMTROL 2.EXPOSURE AGE:28 DAYS CROUP 1 9 28.0000	TROL	2-ExPosu	RE ACE 1	82	04YS 6.964	2.321		,	4C2 4 23	pr pr pr	20,00	<u>-</u>	801		9E 31	4.0
	GROUP 2	-	ě.	25.5900		5.603	5.7.		<u>.</u>	3					<b>,</b> , ,		
HERT	HENDE 1-CONTROL 2-EXPOSURE ACE:70 DOVS CROUP 1 CROUP 5.786	TROL	2-ExPosu	JAE ACE:	*	DAVS 5.786	2.187	***				77	:	90	4	ď	
	GROUP 2		Б	32.555		9.787	3.262							3			
HE 78 1 0		704	S Exposur	IRE AGE :	•	DAYS 4.000	1.789			8		•	•	000	9	0	
	GROUP 2		۷.	26.7143		629.6	3.656										
MERROS	HERZES 1-CONTROL 2-EXPOSIBE AGE 1250 DAYS 36-000 1 - 10-607	TROL	2-ExPosu 5	INE AGE 1	\$ 2 2 2	DAYS	4.743			, , , , , , , , , , , , , , , , , , ,		8	•	302		66.4	
	5 90090		7 3	31.5714		6.630	5.5⊕6	· = =	262.3	Š.			•	36.3			
MEN35	MEN356 1-CONTROL 2-EXPOSUME ACE1358 DAYS GROUP 1 4 29.2588 2.217	TROL	2-ExPOSU	ME AGE 1	350	DAYS 2.217	1.168								:	! ! !	
			1			;	;		5.	. 117	۰ •	5.59 0.187 T -1.51	<b>18</b>	9	9	<b>D</b> 7:	

Table B.19
Red blood cells of F4-2 female mice

-\_ = <del>---</del> ----

								•	POOLED	UAR I ANCE	STIMATE	SEPARATE	POOLED UARLANCE ESTIMATE & SEPARATE UARLANCE ESTIMATE	STIMATE
UMRIMBLE	374	₹ų	NUMBER OF CASES	£	STANDARD DEULATION	STANDARD ERROR	Seller Seller	F 2-TAIL B	UPLUE	DEGREES OF 2-TAIL FREEDOM PROB.	2-TAIL PROB.	CALUE	PEGPEES OF	2-TAIL PROB.
HE 4.28	10000	CONTROL	_ 2-EXPO	SURE AGE	HERER 1.CONTROL 2-EXPOSURE AGE:28 DAYS	0.176			, ,		4		9	9
	€ d∩odo	n)	6	6.4767	9.585	0.195			: :	•		,		
FER78	CE OUP	-COMTROL	S-EXPO	SURE ACE. 7.6211	HERTO :- CONTROL E-EXPOSURE AGE 1-0 DAYS GROUP :- CONTROL E-EXPOSURE AGE 1-0 DAYS	. 138			•		707	9	9	8
	CROUP 2	٥.	ø	7.4778	457	€.152			•					
161 E 34	SROUP	-CONTROL	. 2-EXPO	HERIES 1.CONTROL 2-EXPOSURE AGE:108 DAYS	:100 DAYS 0.562	6.212				2	000		67	666
	GROUP 2	n.	r	7.1543	9.389	0.147			<b>Q</b>			3		1 1 1
HE HESE	SROUP	CONTROL	. 3-EXPO	MERZSO 1-CONTROL 2-EXPOSURE ACE:250 DAYS	:250 DAYS	0.255					900	9	. 0	900
	SPOUP 2	n a	(-	8.2971	<b>•.64</b>	0.242				<b>u</b>			:	
HEH3S!	2000	-CONTROL	2-ExP0	SURE AGE 10.1150	MEN350 1-CONTROL 2-EXPOSURE AGE:350 DAYS GROUP 1 6.1150 2.366	996.					r c	9	9	4
	GROUP 2	a -	5	8.5140	1.053	0.471		3.04.0 .0.c	À.	»		;		

Table B.20 White blood cells of E4-2 female mice.

UMPINBLE	# #	78	AURBER OF CASES	A A	51A1	STANDAKD DEULATION	STANDARD ERROR	 vatue	F 2-TAIL UALUE PROB.		ALUE	# T DEGREES OF 2-TAIL # UALUE FREEDOM PROB. #	PROPE.	M UALUE		DECREES OF	2-Tell PROB.
HE 428	- J	TOUL HOT	2-ExP0	HE428 1-CONTROL 2-ENPOSURE AGE128 DAYS	80	AYS 6.841	2.063	 •				0					
	GROUP L	v	u	13.01	4	4.212		 v	7.64 <b>4.1</b> 80	- * # *		**************************************	9.6		r Č	90	
ME #76	SPCUP	MERTA 1-CONTROL SPOUR :	2-ExP05	2-EXPOSURE AGE-78 DAYS 9 :2.3222 3.202	2	3.202	1.867										
	CROUP 2	<b>~</b> i	ø.	11.3744	-	1.486	9.495	 •					P. 43¢	~. B	89 89		e. 438
HE BE	1. CAOUP	MENTBO 1+COMTROL	2-ExP05	2-EXPOSURE AGE: 198 DAYS 7-13-4143 0.986	9611	0AYS 8.986	6.375										
	GROUP 2	N	۲	12.3586	10	5.209	<b>6.8</b> 35	 y R	5.8C W.B/F	-	<u> </u>	2	7. •		٠ -	# ** 06	9.291
PS-W-S-	5005	MERZSA 1.CONTROL	2-ExP05	2-EXPOSURE 44E:25@ DAYS 7 12.0285 1.547	1256	DAYS 1.547	9.585										
	S PUONE 2	~	٠.	16.1729	-	1.47	0.556	 	1.11 6.965	" = = =	89 79 1)	2	9 9 9			11.97	0.040
ESCA3	GROUP	(EM353 1-CONTROL GROUP 1	2-fxP0S	2-fxP0SURE AGE:358 DAYS 6 25.7888 6.954	1350	5.95 6.95	2.837										
	GROUP 2	~	v	22.3400	•	6.969	3.117	 5	1.01 0.567		2	>	6.529	. e.	<b>S</b>		6.559

Table 5.21 Packed cell volume of F4-2 female mice.

VAFTABLE	7	£υ	MURBER OF CASES	Ŧ	STANDARD DEULATION	STANDARD ERROR	ש יאלות	F 2-TAIL	# UALL	8 T DEGPEES OF 2-TAIL X 3 UALUE FREEDOM PROB. 8	of 2-TAIL		VALUE	PECHEDIS OF FREEDOM	PROS.
16 P. 28	18083	CONTRCE	1.0	HENGE 1.COMTRCE 2.EXPOSURE AGE:28 DAVS	28 DAVS 1.491	6.471		•	-	9	976		ě	0	
	≥ anoan	~	٠	43.8571	5.610	986.		3	<u>:</u>			-	۲ <u>۵</u> ٠	ć .	
£ 11.0	G1043		6 exP0	(P0SURE AGE: 78	70 DAYS	0.847				:					
	GR0UP 2	~	^	44.2657	. :	•.7:4		S::			7 10 10 10		<u>.</u>		
FE 1.	GROUP	CONTRO	2.ExP0	HEN184 1.COMTRO; 2.EXPOSURE DEE:186 DAYS GROUP 1 5 45.2868 1.384	1188 DAYS	6.583									
	SROUP 2	ر. م	ø	46.000	1.265	0.516	-	. 363					60.1.	n n o	
Ş	CROUP	CONTROL	2.6xP0	WENES 1.CONTROL 2-EXPOSURE AGE:258 GROUP 1 5	258 DAYS 0.548	9.245			;		i				
	2 47	N	1-	45.8571	1.676	<b>9</b> .634	·				; :		6	•	
EN35	cancan		2-ExP0	MEM359 1-CONTROL 2-EXPOSURE AGE:350 DAYS CROUP: 6 45:0000 1.265	350 DAYS 1.265	0.516				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			;	1 6	
	26000	C)	Œ	299. 54	691 .	6.477		, gg		1.17 0.867 # -0.24 1C	* /18.8		<b>.</b>	y 2	9.81

Table B.22 Hemoglobin of F4-2 female mice.

VAPIABLE		S SSS SO	HE AN	STANDARD SEUIATION	STAMBABD ERPOR	- CALCA -	E UALUE PROB.	, e	* UALUE	DESPEES OF 2-TA;L # FREEDOM PROB. #	PROB.		VALUE	DEGREES OF FREEDOM	2-1931 PROB.
2 6 82 438	#ER28 1CC#T#OL 2-EXPOSURE AGE:28 DA.5 #ER28 1.076 ####################################	2+ExPoSUR 13 15 15 15 15	15.5333	128 DAVS 1.076	\$ 35. \$ <b>8</b>		1.54 0.551		82.9	18 6.443	6.443	***	. 8	8:	0.433
9 3 2 4	HERTO 1-CONTROL 2-EXPOSURE AGE 170 Davs GROUP 1 9 15.3657 0.875 GROUP 2 9 15.9333 0.814	2+ExP05UR 9 16	URE AGE: 16.3&67 15.9333	170 Davs 0.875	6.292 175.0		1.15 0.844		1.09	16 0.253	€.853	•	6.1	58.83	6.293
3 3	HERIDO 1.COMPOL 2-EXPOSURE AGE:100 DAYS GROUP 1 7 15.6000 0.279	2.EXPOSUR 7.	UPE ACE: 15.600	:100 DAYS 6.231	• • • • • • • • • • • • • • • • • • •		1.46 0.656		• 10	ณ	6 . 9 19		. 16	11.59	916.9
3 3 4000 4000 4000 4000 4000 4000 4000 4	HENESS 1-CCATROL 2-EX <sup>4</sup> 05UME AGE:250 DAYS GROUP 1 7 15.5571 0.500 GROUP 2 7 15.7428 0.643	2-Exector 7 15	URE AGE: 15.5571 15.7428	:250 DAVS 0.500 0.643	0.189		1.65 0.556		3	12	8.557 B	'	<b>9</b>	11.31	6.558
HEP350	HEMUSON 1 - CONTROL 2 - EXPOSURE AGE: 358 DAYS GROUP 1 6 16.7500 0.653	2-EXPOSUR 6 16	URE AGE:	.356 DAYS 6.663	6.5. <b>9</b>	****	1.76 0.551		1.34	•			1.3 <b>4</b>	<b>%</b> .6	6.214

Table B.23 Lymphocytes of F4-2 female mice.

UNATABLE	7	Ē	MUMBER OF CASES	######################################	STANDARD DEUIATION	STANDARD ERROR	37780 3	2-TAIL PROB.	# UALUE	STANDARD & F 2-TAIL & T DEGREES OF 2-TAIL & ERROR & UMILE PROB. & UALUE FREEDOM PROB. 8	2-TAIL #	UALLE	DECARES OF	PROB.
£28	EN28 1-CONT	-CONTROL	2-EXP(	05UPE A	-ER-28 1-CONTROL 2-EXPOSURE AGE: 28 DAYS GROUP 1 10 69.3000 13.565	4,298		500		96	⊕. 282 a s	1	11.60	9.289
	2083	croup 2	•	74.4	5.2:1	1.648				;	₩ ₩			
16 H 70		HER76 :- 53MTROL 2-CN	0 0 0 0	OSURE A	10000RE ALE 10 DAYS	2.7:3		3	5		***	5	27 63	4
	CROUP 2	۸	<b>o</b> .	74.8889	9 4.622	1.541		-			-			
100	380015	CONTROL	Z-ExPC	05upt A(	HERICO 1-CONTROL 2-EXPOSURE AGE:188 DAYS	2.647		9		6	****	•	:	403
	GROUP 2	~		72.1429	9 5.521	2.087	-	300 BC-1		71	7 00 01 1 7 7 7 8		1	
FF F5	EM2S4 1	CONTROL	2-EXPC	72.1429	HERESG 1.COMTROL 2-EXPOSURE ACE:254 DAYS	3,446		9			***		0	32.
	≥ anoer	<b>N</b>	۲,	68.4286	5.192	1.962		3.18		91				
KC#3k	CROUP 1	-CONTROL	2-ExPC	05UPE A	MEM350 1-CONTROL 2-EXPOSINE AGE:350 DAYS CROUP: 6 72-1667 5-750	2.348								
	6 6 6 6	٨	œ	71.500	71.0000 2.365	996.		5.90 0.074	4.66 4.66	•	4.56b	6	0.0	260

STEVI DAN		MURBER OF CASES	<b>ME A</b>	STANDARD DEULATION	STANDARD ERROR	T VALI	# F 2-TAIL # VALUE PROB.	<b></b>		T DECARES OF 2-TAIL B T	2-7A1L		UALLE	DECREES OF FREEDOM	2-TAIL PROB.
#E#28	MERTER 1.CONTROL 2-EXPOSURE AGE: 28 DAYS GROUP 1 10 29.7000 13.425	1 2 - EXP	29.7866	28 DAYS 13.425	4.245		•		=	<b>6</b>	98.5		1.11	6.11	983.0
	GROUP 2	•	24.7000	4.628	1.461									•	
₩€#76	HENDE 1.COMTROL 2-EXPOSURE AGE:70 DAYS GROUP 1 9 28:4444 7-923	2-EXP	28.4444	70 DAYS 7.923	2.641	ou e= e	3.		<u>,</u>	ā	2,55		4		6
	GROUP 2	Ø	24.8889	4.702	1.567				:						
¥ 1 1 3 T	HEWING 1-00N FOLL 2-EMPOSURE AGE: 180 SYNG SERON 1 - 24.428	2 - E KP(	35URE AGE:	\$26.9 \$400 901	2.617		90	****	3	Ž	## CES @		3	· ·	56.2
	S MUDES	,	26.5714	5.623	2.125		36.4	• • • •						į	
HE RES	HERES 1-CONTROL 2-EXPOSURE ACE:250 DAYS GROUP 1 7 2-1-0000 9-36:	2-EXP	Surer AGE	250 DAYS 9.363	3.539		,		3	2	# BEC.		*	92.8	6.348
	S anoas	~	17.8571	4.140	1.565		:		:	<b>!</b>					•
SEWSY	HERISS 1-CONTROL 2-EXPOSURE AGE:358 DAYS GROUP 1 6 26:1667 5-879	6 6 6	SURE AGE 26.1667	954 BAYS 5.879	2.40					• • • • • • • • • • • • • • • • • • •	***	***	,	e 4	214
	C GEORD S	u	27.:667 2.563	2.563	1.046	; ,	**************************************	• •		2	;	-	•	) )	•

Table B.25 Red blood cells of F1-2 male mice.

								ι		# P001EF	POOLED UAPTANCE ESTIMATE & SEPARATE UAPLANCE ESTIMATE	STIMATE #	SEPARATE	UMPINACE E	STIMATE
UNRIABLE	E.E	E S	NUMBER OF CASES	¥	STANDONG DEULATION	ERROR		MALUE	I VALUE PROB.	י טאלנו? ביטארנו?	UALUE FREEDOM PACE, & UALUE	PACE.	MALUE	FREEDOM PROB.	PR08.
HEM28	GROUP	.COM*#30.	2.ExP05	1.9664	MERZE 1.COM-ROL 2.EXPOSURE AGE:21 DAYS GROUP 1 11 11 11 1264	9.306			100 0 303	- 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20	60		ر و	26 01	9
	SROUF S	10		8.2845	1.103	0.333		•				2			
ME 479	afices	CONTROL	2-EXP05	HER78 1+CONTROL 2-EXPOSURE 4GE: 70 DAYS G40.19 1 10 8-9720 0-81	0.899	<b>6</b> .284	! ! pq pd \$	-	900		9	75. 4	4	37 34	26.4
	S dicons	2	_	8.8636	6.677	0.204			600						
MEN DE	anoan	.004790L	2.ExP05	URE AGE 9.2250	MENIBO 1.00MTBOL 2.EXPOSURE AGE:180 DAYS CROUP : 10 145	9.362		,	Š	* * *	•		4		<b>6</b>
	s ancan	~	•	9.5840	1.636	6.517		i i	C						
HEM25	505	TCB_JCC	2-E (P)5	URE AGE	MERRES :- COMPROSE CONTROL CETES DANS GROUP: - GROU	.:. e					1		9	6	0 0
	S QUOQU	∾	(7)	8.7589	0.535	0.178		1.13	1.13 6.889		<u>.</u>	996.			

Table B.26 White blood cells of F1-2 male mice.

STEW I WELE	w	<b>Z</b> 10	MUNDER Of CASES	HE OF	STANDARD DEVIATION	STANDARD ERROR	<b>-</b> -	FORTIE	2-TAIL PPOB.		TOALUE	STANDARD B F 2-TAIL B T DECREES OF 2-TAIL B ** ERPOR B UALUE FROM PROB. B UALUE FREEDOM PROB. B UALUE	PRCB.	T VALUE	DEGREES OF 2-TAIL FREEDOM PROB.	2-TA]
32134	Roup	CONTROL	Z-EXPO	SURE ACE:	MERZE 1-CONTROL 2-EXPOSURE AGE:28 DAYS GROUP 1 11 10.0236 1.324	9.399						; ; ; ;				!
3	<b>B</b> ou <b>P</b>	CROUP 2 11	::	11.0218	2.476	0.747		F. 7	3.5 <b>4 4.66</b> 1		80 	N N	9.252	1.1.18	15.28	9.257
MEN.	Roup	CONTROC	2.ExP0	SURE ACE:	MENTO 1-CONTROL 2-EXPOSURE AGE TO DAYS CROUP 1 10 11.7556 3.242	1.025						:			! ! ! ! !	
3	CROUP 2	٨		13.9032	2.541	99.166		-	1.61 <b>4</b> .458		<b>D</b> / · <b>I</b> -		6.168	-1.68	17.07	•
MEN188	Pour	CONTROL	2.EXP05	SURE AGE 1	MERIGO 1-COMTROL 2-EXPOSURE AGETTO DAVS GROUP 1 10 10 10.8190 2.174	9.688						i				
3	ano <sub>a</sub>	CROUP 2	1. •	12.0264	5.699	<b>8.85</b> 3		1.54	1.54 6.538		1.1.0	<b>æ</b>	6.285 1	• • • • •	17.22	<b>9</b> .286
HERESO GR	201P	CONTROL	2 • E x P 0 5	HER256 1-CONTROL 2-EXPOSURE ACE:250 DAYS GROUP 1 8 12.2000 1.301	250 DAYS 1.301	99.						•			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
3	CROUP 2	ru.	o	11.3556	1.567	●.522			1.45 0.637	<b>.</b>	<b>9</b> .35	51	6.733 <b>*</b>	• 32	14.95	0.73

378 4 1 ABU	9	¥ ug	NUMBER OF CASES	HE AN	STANDARD DEULATION	STANDARD ERROR		VALUE	2-TAIL PROB.		CALUE CALUE	F 2-TAIL S T DECREES OF 2-TAILS T VALUE PROS. S VALUE FREEDOM PROS. S VALUE	PPOB.			PECMEES OF FREEDOM	2-TAIL PROB.
#249	CROUP 1	HEREB 1-CONTROL 2-EX GROUP 1 10	2 EXPO	45.6800	(POSUME AGE 128 DAYS 47.2649 2.251 46.6644 3.239	1.024	****	2.87	2.87 9.293		<b>.</b> €	. 48 88 188	9.636		8	<b>5⊕</b> · <b>91</b>	e.637
EH70	GROUP 1	MENTO 1+CONTROL 2-EM GROUP 1 8	8 8 B	POSURE AGE: 70 DAYS 48.8750 1.49	1.955	<b>6.515</b>		1.88	1.80 0.451 HR -0.607		-0.007	16	6.397	!		15.95	6.381
-E719-	anoas anoas	GROUP 2	2-EXP3	15.00 ACE ACE 46.6667	HEM100 1-CONTROL 2-EXPOSURE ACE:100 DAYS GROUP 1 9 46.6667 2.646 GROUP 2 9 46.7778 2.108	♦.882 ♦.7€3		1.57	1.57 0.535 m -0.10	****	. 10		6. 69.	•		<b>*</b> 5.24	6.923
•\$34¥	CROUP 1	ENESS 1+CONTROL	8 E	509E 46: 258	HERES 1. CONTROL 2-EXPOSURE AGE:250 DAYS GROUP 1 8 46:1250 2:100 GROUP 2 9 45:0000 1:58:	6.527		.: %	1.76 0.443 I 1.26		1.26	<b>S</b> 1	69 20 20 20 20 20 20 20 20 20 20 20 20 20		÷2.:	12.95	0.239

Table B.28 Hemoglobin of F1-2 male mice.

JARIABLE	378	₹'y	MUMBER OF CASES	\$ \$ \$	STANDARD DEUIATION	1001	STANDARD ERROR		VALUE	S F 2-TAIL TO B B UALUE PROB. S		, w	UALJE FREELOM PROB. & UALUE	2-T611 #	UNLUE	DECPEES OF FREEDOM	2-1A1
MEN 28	anoas T	10011001	1.CONTROL 2-E (#0509E #GE:28 DAYS GROUP 1 11 15.7454	PE AGE 5.7454	E: 28 Day	^ 20 24	6.182		(			ž			•	3	á
	S MOUD	٠.	11	15.8273		996.	€62.€			13.9 1 29:00 55:3	•	<b>.</b>					. 61
HER76	CBOCK	-03MT#01	HERTO 1.CONTROL 2-EYPOSURE AGE:70 DAYS CROUP 1 10 16.5000 1.079	PE ACE	E: 70 Day	279 •79	6.341					:	i				
	CROUP	CROUP 2		16.7454		994.	0.231			6: [G.9. 4 990.7 50.1	•	<u>.</u>		99.90. # # 100.00			\$ \$ \$
FE TI	15085 040	.ca_woo-	HEMING 1.COM ROL 2-EXPOSURE AGE 100 DAYS	7.68888 5.68888	E 110 E DA	5×8	0.281					: ;	i				
	GROUP 2		6:	16.4900		9.640	9.202		5	10 10 10 10 10 10 10 10 10 10 10 10 10 1	, 	<b>.</b>		77.V- # 158.9	ν.	ري . د	
HE R25	GROUP	HERESO 1-CONTROL 2-E	2-ExP05U	AE ACE	EXPOSURE AGE:250 DAYS	DAYS 0.598	0.211	-				}				1	
	S GUORS	n.	0	16.1778		●. 487	0.162		15.1	1.51 0.57 4 5.59 5.5 0.631 4 5.59 15.10 15.11 4 5.59 15.10 15.11	, , ,	2	<b>.</b>		e	13.39	

Table B.29 Lymphocytes of F1-2 male mice.

UMRIABLE	E S	NUMBER Of CASES	TEAN 1	STANDARD DEUTATION	STANDARD ERROR	 FLUE	PROB.	# CALU	# F 2-TAIL # T DEGREES OF 2-TAIL # T # UALUE FROB. # UALUE	o E	TAIL B	VALUE	DECATES OF FREEDOM	PROB.
HER28 1-00-TR	HERE 1-00-770 L 2-EXI	2-ExPOSURI 6 73.	1 PGE:	(POSUME MGE: 28 DAYS	1.178	 i r		9	•			•		
10 <b>83</b>	GROUP 2 :2		74.5880	6.446	1.861	 V	111.00 A.A.		• •	<b>b</b>	165.9	•	D	. 533
HERTO 1+03	HERTO 1-034TFOL 2-EXPOSURE ACE:70 DAYS GROUP: 16 5-76-3000 5-794	2-ExPOSURE 8 76.	3000	70 DAYS 5.794	1.832		0				, p, p 0	,	:	
10d5	GROUP 2 1	 8	1515.01	3.927	1.184					Þ		97.	69.51	
HERION GROL	HERIER :- CONTROL 2-EXPOSURE AGE 1100 DAYS	2-EXPOSURE	9969	100 DAYS 8.863	2.803								1	
าวสร์	ะ 2 สาวสร	:0 67.	67.8000	7.376	2.338	 <b>:</b>	18C-9 ***	`. v	<b>91</b>	•		<b>v</b>	· · · · ·	•
MERIZSO SROL	### ##################################	Z+EXPOSURE B	AGE:2	550 DAYS 5.092	88:								1	
080	5 9009C	.69	69.7778	3.450	001.1	 V . C.C.	עינע פּינעני		c: c: v		- 040.	• · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	9.0

Table B.30 Segmented neutrophils of 1-2 male mice.

UNRIABLE	<u>س</u>	MATABLE NO.	MUMBER SE CASES	TE AN	STANDARD DECIATION	STANDARD # 6 2-7411 ERROR # JAINE PROB.	-	A. U.S.	2-74:	* *	. 27	LEGREES OF 2-TAIL BLALLE FREEDOM PROP. #	2-741.	# JAILLE	DEGPEES OF 2-TAIL	2-TA1
4E 7.28	GROUP	• CONTROL	2-EXPO	33.3000	MERZ8 1-COMTROL 2-EXPOSURE AGE:28 DA-5 GROUP 1 18 23.30-00	1.202		1	1		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
•	GROUP 2		55	61.2500	5.396	1.558		• •	2.01 0.303	-	 9	<b>8</b> €	9.325 s	1.04	19.54	e-31e
HER28	ROUP	R70 1.CCP-R0L 2-10	2-EXP05	SURE AGE	HER78 1.CCH-T/GL 2-EXPOSURE AGE178 DAYS GROUP 1 18 5868 6.828	2.153	-		;							
,	GRUUP 2	~		17.1818	3.459	1.843	* = =	<b>8</b> ~	3.8		.55	:·SS <b>19</b>	Φ.137 m	1.51	13.05	0.155
FEN:8	1,00%	-SONTROL	2-ExP35	URE AGE	HEN186 1-03715CL 2-EXPOSURE AGE1186 DAYS GROUP : 18 5888 81329	2.634			1				1			1
J	900	s anom	9.	27.5000	5.949	1.881	~	<del>.</del>	1.96 0.330 1		. 75	-2.75 18	6.613	6.013 # -2.75	16.23	0.014
HERS.	ROUP	GROUP : 8	2.EXPOS	URE AGE:	MENESS 1.COMT.01 2.EXPOSUME AGE:250 DAYS GROUP : 8 24.7500 5.892	1.80						1	;			;
J	GROUP 2	2	a	25.4444	3.321	1.107		χ, N	•.254	? ==	*	2.35 0.254 x -0.34 15	9.741	8.741 8 -0.33	11.82	6.748

Table 5.31 Red blood cells of F1-2 female mice.

								COLCO	POOLED UARTANCE ESTIMATE &	STIMATE	SEPARAT	SEPARATE JARIANCE ESTIMATE	STIMATE
UARIABLE	, F	336°C 30	ž	STANDARD DEULATION	STANDARD	3	2-74 E.	 	DECREES OF 2-TAIL	2-74[L	UALUE	PEGREES OF	PROB.
3-8 708/400-1 188/831	.C04783.	2-Exp05	URE ACE.	XPOSURE	.267		17.5 m		53 65.	ه. ۱	###	2:.63	8.146
400MC	S: 5 400AC	<u>0</u> ;	9815.7	1.053	9.304							1 1 2 1 2 1 2 1	
RE978 1-00/18/L 2-6 GROJP 3 11	+CONTROL	2-ExP35	xP.35.14E AGE: 70 DAYS	: 70 DAVS 0.725	0.219		2 50 4 156	60 01	2	9.732	-6.27	9.	6.788
d) Cap	SP 5 900AD	2	8.5158	1.166	6.369				i			1	1
HERIGO :-COMTO); 2-EX	.Ca_NO:+	S-Exercs:	. B. 652	KFC5LRE AGE:188 DAYS	e.287			Q Q	<u>~</u>	925.0	69. 9.	17.43	P.326
GROUP	GROUP 2 : a	<b>.</b>	8.6876	8.755	0.239		366						
HERES 1-CONTROL 2-E	-0047892	2-EKP05.	URE AGE 7.7858	KP05URE AGE: 250 DAYS	9.159		# # *	4 # # £	92	9.76:	-0.38	13.24	9.710
CROUP 2	N)	œ	7.8837	865.6	6.211	• ••	316.3						

Table B.32 White blood cells of F1-2 female mice.

Jag: do/	ų	<b>5</b> 6	MUMBER OF CASES	ž Đ	STAI DEUL	STANDARD DEULATION	STANDARD ERROR		1 F 5-7611 1 UALLE FD(8.		, <u>î</u>	DESPRES OF 2-TAIL # T	2-TATE PROB.	# + + + + + + + + + + + + + + + + + + +	SESPEES OF	2-TA11
5 821:31	POUP	#6428 :	Z-E (PCSL	(PCSURE AGE:28 DAVS 11.0327 2.076	882	AVS 2.076	9.626		:	. <b></b>	:				1	
J	; anoar	GROUP 2 12		15.3558		8.830	2.549		8.10 2.00		S	21	ø. 129	-1.65	12.32	• .125
HEN76	1 4004	HENTH 1+CONTROL 2+EX	2-Exp35_	(POSURE ACE: 70 DAYS	ă.	AYS 2.306	6.695		1			;	\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1
ف	900a	GROUP 2		3.6600		2.093	6.662	 	19.79 12.1		- <b>6</b> .28	6.	e.783	.0.28	.3.66	9.782
HEP100 GROUI	POUP :	ONTROL	METI®® 1.00MTP3L 2-EXPCSUPE AGE:100 DAYS CROUP 1 0 16.8920 5.045	P€ AGE 6.892€	1 001:	0AYS 1.036	1.592						1			1
ច	S 90095		1	17.5222	ru	5.699	9.5.6	* m	3.48 2.893		-€.33	12	0.742	-0.34	14.05	9.736
MERSS O	1 • C	CNTROL	MERSS 1-CCNTROL 2-EXPOSURE AGE:250 DAYS GROUF 1 10 14.2900 3.446	PE ACE:	28. 3	2445 1.446	1.890		:	•	:	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ;
3	GROUP 2	-	 ea	14.3000	••	1.241	6.439	7.7	7.71 0.613 4 -0.61		-0.01	16	8.994 E	-6.61	<b>3</b>	0.993

Table B.33 Packed cell volume of F1-0 femals mise.

UARIABLE	378	NUMBER OF CASES		30 Ne 31	STANDARD DEJEATATION	STANDARD ERROR	# F	2-TA11	<b>W</b> 40	ין אריזאנ	STANDARD 8 F 2-TAIL 8 T DEGREES OF 2-TAIL 8 T ERROR 8 VALUE PROB. 8 VALUE FREEDOM PROB. 8 VALUE	2-TA:L	,	•	DECREES OF	2-TAIL
MERZ 28	HEP28 1-CONTROL 2-EXI	ONTRCL	Z-EXPOSURE 2	FOSURE AGE: 28 DAYS 47,4167 3,315	3.315	6.957		0 0 0	* ~ -	5	ń	0 6 0		2	6 0	6
	S AUORD			45.6364	3.264	●.984				)				3		
FE#7	EPTO 1+50	ONTROL	HENTO 1-00NTECL 2-EXPOSURE ACEITO DAYS GROUP 1 9 47.5555 2-555	AGE 174 \$555	2.555	6.852		אנט פי כט כ		96.1	~	\$		<u>6</u>	15.81	0.182
	GROUP 2	91		45.5000	3.808	1.204		) ; ;		•						
HEP10	MEP100 :-CONTROL 2-EXE	ONTROL	2-EXPOSURE	POSURE AGE: 100 DAYS	1.787 1.787	965°e					60	,		96	3	8
	SE0019 2	**		43.4686	≥.914	921				3	-			3		
MCH25	8 1 • C	GNTROL	MENZE 1.COMTROL 2.EXPOSURE ACE:250 DAYS GROUP 1 10 45.1000	AGE:25	6 DAYS	6.458		700 9				α		5.7		95.3
	5 400MG			44.2530	2.121	0.750				; ;		; ;		;		

Table B.34 Hemoglobin of F1-2 female mice.

31861 AMU	Ä	₹ <sub>8</sub>	NUMBER Of CASES	Ĭ	STANDARD SEUIATION			7 JAC 18	2-TAIL PROB.	 JALUE	STANDARD # F 2-TAIL # TEGRES OF 2-TAIL # EGGES OF 2-TAIL # TEGGES OF 2-TAIL # TAILOR FREEDOW DEGS, #	165		ָּהָ יָּ בּוֹנָפָּ	DEGREES OF 2-TAIL	2-TAIL
E HZB	1005 5	EN28 1-CONTROL	MENER 1 - CONTROL 2 - E * FOSHME AGE : 28 DAVS 4 - 757	F. 2333	28 Davs	:						:				
•	CROUP	CROUP 2 10		15.8900	1.361	9.439		بر در	3.23 0.071	 y: r: •	6.75 <b>20 6.463 1</b>	9·463		<b>e</b> . 71	13.61	0.485
#EB70	SPOUP	-COMTROL	HERTO 1-CONTROL 2-EXPOSURE AGE 178 DAYS GROUP 1 15.7891 8.823	7. 709:	70 DAYS 0.823	0.24B								1		:
<u> </u>	GROUP 2	. 5	51 •1	15.6000	1.333	0.488		3	6.63	 <b>6</b> .23	0.23 19 (822 1 0.22 1	<b>4</b> . <b>82</b> 2	- + •	<b>€</b> .22	34.78	●.827
E HI B		ERION :-CONTROL 2-ES	HERIOD 1.CONTROL 2-EMPOSUME MCE:100 DAVS (2000 1.295	30	100 Davs 1.296	• • • • •	-			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-		,	
•	2 300	<b>~</b>	<b>9</b> 1	16.3665	 8		~ <b>~ </b> *	<u>.</u>	1. <b>65 6</b> . <b>95</b> 9. 1	-0.50	-0.50 :7 @.662 H -0.50	P.622		-8.58	16.87	0.622
1 -0000 1 -0000	- 50	-Courreol	WENESO 1-CONTROL 2-EXPOSURE AGE: 250 DAVS CROUP 1 10 15.8200 0.719	3	ESO DAVS	.83.	-						•			
•	CROUP 2	~	91 8	6.76.5	 7	9.164	-		9.518	 	E.C. 9.636 1 -3.12 16 0.006 1 -2.33	¥ •		-3.33	45.55	. 8

Table B.35 Lymphocytes of FJ-2 female mice.

UARIABLE	31	RUMBER	2 J	74	STANDARD PEUTATION	0.00 P	STAMBARD ERROR	##	# F 2-TAIL # UALUE PROB.	-	UNICUE.	T DEGREES OF 2-TAIL NO UNLUE FREEDOM PROB. 1	2-TA11 PRCB.		VALUE	PECPETS OF	2-TAIL PRCB.
HE 728	ME 128 1+CONTROL 2+EXP		2-EXP35UE	(POSURE AGE: 28 DAYS 68.3846 6.923	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	45	1.920		1.85 6.518		# -0.42	€2	0.677		-6.43	21.96	6.674
	SROUP 2	12		69.4167	w	5.085	469								1		
NET 7	NERTO 1-CONTROL 2-EXE GROUP 1 12	ONTROL 1	2-ExP0SU	(#05URE AGE: 7# DAYS 65.91#7 7.501		vs Sèt	2.:83	# # h	1.38 0.608		. 3g	<b>4</b>	7:1		6.37	17.84	€.71S
	GROUP 2	ž		64.6960	00	8.872	5.8€6		1 1 1 1 1							1	
£31	#ENIGE 1.COMTROL 2-EMPOSURE AGE::00 DAYS	ONTROL	2-E-4P0SU	RE AGE:	961	9.#25	2.721		08.7		-1.42	-1,42	⊕ 7		8 8 8.172 8 -1.43	19.0	9.17
	91 2 andet			69.8968	on	8.219	5.599									1	:
HE125	HEN250 1-COMPROL 2-EXI	ONTROL	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	#POSJAR AGE:25@ DAYS 68.3000 6.395	25.00	0.395 6.395	2.0.5	~	4 6.327	* * *	-6.73	* * * * * * * * * * * * * * * * * * *	# # 0,477		-0.77	69.5	6.455
	S 400at			9952.86	•	4.367	1.544	-		•				-			

Table B.36 Segmented neutrophils of 1-2 female mice.

UAP TABLE	<b>₽</b>	MUMBER OF CASES	1	STANDARD DEULATION	STANDARD & F 2-TAIL ERROR & MALUE PROB.	- 10v.	2-TAIL UE PROB.	 ביי היים	T DECREES OF 2-TAIL & JALUE FREEDOM POUR.	2a1.	in the contract of the contrac	T DECARES OF 2-TAIL	2-TA1
EN28 1-CONTRO	1-CONTROL	2.ExP05	UPE ACE:	HENZ8 1.COMTROL 2.EKPOSURE AGE: 28 DAVS GROUP 1 13 29.6923 6.434	1.784		900	 9		,		4	
7043	5400P 2 12	21	28.75	5.91	1.706			 •					
1045 C#0	MERTO 1-CONTROL 2-EXPOS GROUP 1 12	2-EXPOS	105UPE #GE:70 DAYS 29.4167 7.128	78 DAYS	2.058			 93		•		00 90	693.4
<sup>10</sup> <b>5</b>	●; ≥ dnows		31.5000	9.217	2.915			 9	í	P6 5 .			B
ENIGO 1-CONTROL	HENIGO 1+CONTROL E-EXPR	E-ExPos	31.9091 8.938	100 DAYS 8.938	2.695							1	
5	GPOUP 2 18		28.900	8 . 359	2.656		1.13 • .651	 2		9 1		Ď.	
96.89 68.08	HERESA 1-CONTROL 2-EXPR	2-ExPOS	29. 68 ACE ::	**************************************	199.8				· · · · · · · · · · · · · · · · · · ·	475		0	
7045	CROUP 2	•	28.1250	3.482	1.231			 9		750.			